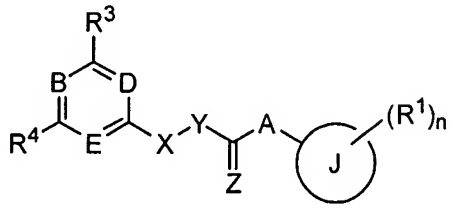
AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the Application.

LISTING OF CLAIM

1. (original) A compound according to Formula **I**,



I

or a pharmaceutically acceptable salt, hydrate, or prodrug thereof, wherein,

B, D, and E are each independently either =N- or =C(R^2)-, provided at least one of B, D, and E is =N-;

at each occurance, each of R^1, R^2, and R^3 is independently selected from -H, halogen, trihalomethyl, -CN, -NO_2, -OR^5, -$N(R^5)OR^5$, -$ON(R^5)R^5$, -$N(R^5)N(R^5)R^5$, -$N(R^5)R^5$, -$S(O)_{0-2}R^5$, -$SO_2N(R^5)R^5$, -CO_2R^5, -$C(O)N(R^5)R^5$, -$N(R^5)SO_2R^5$, -$N(R^5)C(O)R^5$, -$N(R^5)CO_2R^5$, -$C(O)R^5$, -$C(=NR^7)N(R^5)R^5$, -$C(=NR^7)R^5$, -$C(=NR^7)OR^5$, -$N(R^5)C(=NR^7)N(R^5)R^5$, optionally substituted lower alkyl, optionally substituted lower alkenyl, optionally substituted lower alkynyl, optionally substituted aryl, optionally substituted heterocyclyl, optionally substituted heterocyclylalkyl, and optionally substituted arylalkyl;

n is zero to five;

R^4 is selected from -H, halogen, -CN, -NO_2, -$N(R^5)OR^5$, -$ON(R^5)R^5$, -$N(R^5)N(R^5)R^5$, -OR^5, -$N(R^5)R^5$, -$S(O)_{0-2}R^5$, -$SO_2N(R^5)R^5$, -CO_2R^5, -$C(O)N(R^5)R^5$, -$N(R^5)SO_2R^5$, -$N(R^5)C(O)R^5$, -$N(R^5)CO_2R^5$, -$C(O)R^5$, -$C(=NR^7)N(R^5)R^5$, -$C(=NR^7)R^5$, -$C(=NR^7)OR^5$, -$N(R^5)C(=NR^7)N(R^5)R^5$, optionally substituted lower alkyl, optionally substituted lower alkenyl, optionally substituted lower alkynyl,

optionally substituted heterocyclyl, optionally substituted heterocyclylalkyl, and optionally substituted arylalkyl;

R^2 and R^3, together with the atom or atoms to which they are attached, can combine to form a three- to seven-membered optionally substituted heterocyclyl, optionally substituted aryl, or optionally substituted cycloalkyl;

R^2 and R^4, together with the atom or atoms to which they are attached, can combine to form a three- to seven-membered optionally substituted heterocyclyl, optionally substituted aryl, or optionally substituted cycloalkyl;

each R^5 is independently selected from -H, optionally substituted lower alkyl, optionally substituted aryl, optionally substituted lower arylalkyl, optionally substituted heterocyclyl, optionally substituted lower heterocyclylalkyl, and a single bond to an atom of R^1;

two of R^5, together with the atom or respective atoms to which they are attached, can combine to form an optionally substituted three- to seven-membered heterocyclic;

R^5 and R^6, together with the atom or atoms to which they are attached, can combine to form a five- to seven-membered optionally substituted heterocyclyl;

R^5 and R^7, together with the atom or atoms to which they are attached, can combine to form a five- to seven-membered optionally substituted heterocyclyl;

each of X and Y is independently selected from -C(=O)-, -C(R^6)R^6-, -O-, -N(R^5)-, -C(=NR^7)-, and -S(O)$_{0-2}$-; provided when X is -O- or -N(R^5)-, then Y cannot be -C(H)R^{6a}-, where R^{6a} is -C(R^{20})(R^{21})R^{22} wherein at least one of R^{20}, R^{21} and R^{22} is selected from phenyl, napthyl, cyclohexyl, dihydronapthyl tetrahydronapthyl, and a five- to six-membered heteroaryl, each optionally substituted;

or X and Y can combine to form either -C(R^6)=C(R^6)- or -C≡C-;

Z is selected from O, S, and a double bond to an atom of R^1;

A is either -N(R^5)- or a single bond;

each R^6 is independently selected from -H, halogen, trihalomethyl, -CN, $-NO_2$, $-NH_2$, $-OR^5$, $-N(R^5)R^5$, $-S(O)_{0-2}R^5$, $-SO_2N(R^5)R^5$, $-CO_2R^5$, $-C(O)N(R^5)R^5$, $-N(R^5)SO_2R^5$, $-N(R^5)C(O)R^5$, $-N(R^5)CO_2R^5$, $-C(O)R^5$, optionally substituted lower alkyl, optionally substituted aryl, optionally substituted heterocyclyl, optionally substituted heterocyclylalkyl, optionally substituted arylalkyl, and a single bond to an atom of R^2 of D or E when said either D or E is $=C(R^2)-$;

two of R^6, together with the atom or atoms to which they are attached, can combine to form one of an optionally substituted three to seven-membered alicylic, an optionally substituted three to seven-membered heteroalicylic, and a double bond to an atom of R^2 of D or E when said either D or E is $=C(R^2)-$;

each R^7 is independently selected from -H, -CN, $-NO_2$, $-N(R^5)R^5$, $-OR^5$, $-S(O)_{0-2}R^5$, $-SO_2N(R^5)R^5$, $-CO_2R^5$, optionally substituted lower alkyl, optionally substituted lower alkenyl, optionally substituted lower alkynyl, and a single bond to a carbon of J; and

J is selected from an optionally substituted five- to ten-membered aryl and an optionally substituted five- to ten-membered heteroaryl;

provided the compound is not one of: 2-(2-amino-5-cyano-6-methylsulfanyl-pyrimidin-4-ylsulfanyl)-N-(3-trifluoromethyl-phenyl)-acetamide, 2-{[2-amino-5-cyano-6-(methyl-thio)pyrimidin-4-yl]thio}-N-[3-(butyloxy)phenyl]acetamide, 2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-1,3-benzothiazol-2-ylacetamide, 2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(5-ethyl-1,3,4-thiadiazol-2-yl)acetamide, 2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(4-methyl-1,3-thiazol-2-yl)acetamide, 2-amino-4-{[2-(3,5-dimethyl-1H-pyrazol-1-yl)-2-oxoethyl]thio}-6-(methylthio)pyrimidine-5-carbonitrile, 2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-1,3-thiazol-2-ylacetamide, 2-(5-cyano-2-methylsulfanyl-pyrimidin-4-ylsulfanyl)-N-phenyl-acetamide, 5-amino-2-methylsulfanyl-thieno[2,3-d]pyrimidine-6-carboxylic acid phenylamide, 2-(6-amino-5-cyano-2-methylsulfanyl-pyrimidin-4-ylsulfanyl)-N-phenyl-acetamide,

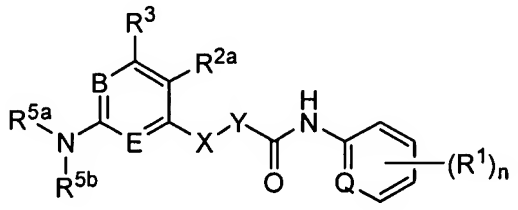
4,5-diamino-2-(2-methoxy-ethoxy)-thieno[2,3-d]pyrimidine-6-carboxylic acid phenylamide, 2-(5-cyano-6-phenyl-2-phenylcarbamoylmethylsulfanyl-pyrimidin-4-ylsulfanyl)-N-phenyl-acetamide, and a 2-(6-amino-3,5-dicyano-pyridin-2-ylsulfanyl)-N-phenyl-acetamide derivative.

2. (original) The compound according to claim 1, wherein J is either a six-membered aryl or a five- to six-membered heteroaryl.

3. (original) The compound according to claim 2, wherein D is $=C(R^2)-$.

4. (original) The compound according to claim 3, wherein R^4 is $-N(R^5)R^5$.

5. (original) The compound according to claim 4, of Formula **II**,



II

wherein, R^1, R^2, R^3, R^5, n, B, E, X, and Y are as defined above; and Q is either =N- or =C(H)-.

6. (original) The compound according to claim 5, wherein R^{2a} is selected from halogen, $-CN$, $-C(=O)N(R^5)R^5$, $-CF_3$, $-CO_2R^5$, $-C(R^5)=C(R^5)R^5$, $-C\equiv C-R^5$, and $-NO_2$.

7. (original) The compound according to claim 6, wherein at least one of R^{5a} and R^{5b} is -H.

8. (original) The compound according to claim 7, wherein R^3 is selected from $-OR^5$, $-NR^5R^5$, and $-S(O)_{0-2}R^5$.

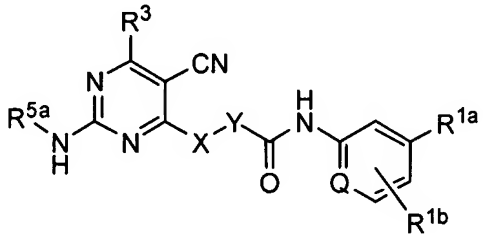
9. (original) The compound according to claim 8, wherein at least one of B and E is =N-.

10. (original) The compound according to claim 9, wherein R^1 is selected from halogen, $-OR^5$, $-NR^5R^5$, $-S(O)_{0-2}R^5$, $-NO_2$, perhaloalkyl, optionally substituted lower alkyl, optionally substituted aryl, and optionally substituted arylalkyl.

11. (original) The compound according to claim 10, wherein R^1 is selected from halogen, $-OR^5$, $-NR^5R^5$, $-S(O)_{0-1}R^5$, $-NO_2$, perhaloalkyl, and optionally substituted lower alkyl.

12. (original) The compound according to claim 11, wherein A is $-N(R^5)-$.

13. (original) The compound according to claim 12, of Formula **III**,



III

wherein, R^3, R^5, X, Y, and Q are as defined above; R^{1a} is selected from halogen, lower perfluoroalkyl, $-NO_2$, $-OR^5$, and optionally substituted C_{1-4}alkyl; and R^{1b} is selected from halogen, $-OR^5$, $-N(R^5)R^5$, $-SR^5$, perfluoroalkyl, and optionally substituted lower alkyl.

14. (original) The compound according to claim 13, wherein R^{1a} is selected from $-NO_2$, halogen, perfluoroalkyl, haloalkyl, optionally substituted C_{1-2}alkyl, and optionally substituted $-O-C_{1-2}$alkyl.

15. (original) The compound according to claim 14, wherein R^3 is selected from optionally substituted $-O-C_{1-4}$alkyl, $-O-C_{1-4}$perfluoroalkyl, optionally substituted $-N(H)C_{1-4}$alkyl, optionally substituted $-N(C_{1-4}\text{alkyl})C_{1-4}$alkyl, optionally substituted $-S(O)_{0-2}-C_{1-4}$alkyl, and optionally substituted $-S(O)_{0-2}-C_{1-4}$perfluoroalkyl.

16. (original) The compound according to claim 15, wherein Y is either -N(H)- or $-C(R^6)R^6-$.

17. (original) The compound according to claim 16, wherein X is selected from -O-, $-N(R^5)-$ and -S-.

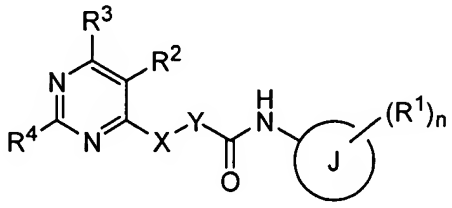
18. (original) The compound according to claim 17, wherein Y is $-C(R^6)R^6-$; wherein each R^6 is independently selected from -H, halogen, trihalomethyl, $-NH_2$, optionally substituted $-O-C_{1-4}$alkyl, optionally substituted $-N(H)C_{1-4}$alkyl, optionally substituted -S-

C_{1-4}alkyl, optionally substituted lower alkyl, optionally substituted heterocyclyl, and optionally substituted heterocyclylalkyl.

19. (original) The compound according to claim 18, wherein Y is $-C(H)R^6-$; wherein R^6 is independently selected from -H, halogen, trihalomethyl, $-NH_2$, optionally substituted $-O-C_{1-4}$alkyl, optionally substituted $-N(H)C_{1-4}$alkyl, optionally substituted $-S-C_{1-4}$alkyl, optionally substituted lower alkyl, optionally substituted heterocyclyl, and optionally substituted heterocyclylalkyl.

20. (original) The compound according to claim 19, wherein Q is =C(H)-.

21. (original) A compound according to Formula **IV**,



IV

or a pharmaceutically acceptable salt, hydrate, or prodrug thereof, wherein,

R^1 is selected from halogen, $-OR^5$, $-N(R^5)R^5$, $-S(O)_{0-2}R^5$, $-NO_2$, $-C(O)R^5$, perhaloalkyl, optionally substituted lower alkyl, optionally substituted aryl, and optionally substituted arylalkyl.

n is zero to five;

R^2 is selected from halogen, -CN, $-C(=O)N(R^5)R^5$, $-CF_3$, $-CO_2R^5$, $-C(R^5)=C(R^5)R^5$, $-C\equiv C-R^5$, and $-NO_2$;

R^3 is selected from -H, halogen, trihalomethyl, -CN, $-NO_2$, $-OR^5$, $-N(R^5)OR^5$, $-ON(R^5)R^5$, $-N(R^5)N(R^5)R^5$, $-N(R^5)R^5$, $-S(O)_{0-2}R^5$, $-SO_2N(R^5)R^5$, $-CO_2R^5$, $-C(O)N(R^5)R^5$, $-N(R^5)SO_2R^5$, $-N(R^5)C(O)R^5$, $-N(R^5)CO_2R^5$, $-C(O)R^5$, $-C(=NR^7)N(R^5)R^5$, $-C(=NR^7)R^5$, $-C(=NR^7)OR^5$, $-N(R^5)C(=NR^7)N(R^5)R^5$, optionally substituted lower alkyl, optionally substituted lower alkenyl, optionally substituted lower

alkynyl, optionally substituted aryl, optionally substituted heterocyclyl, optionally substituted heterocyclylalkyl, and optionally substituted arylalkyl;

R^4 is selected from -CN, halogen, $-NO_2$, $-N(R^5)OR^5$, $-ON(R^5)R^5$, $-N(R^5)N(R^5)R^5$, $-OR^5$, $-N(R^5)R^5$, $-SO_2N(R^5)R^5$, $-C(O)N(R^5)R^5$, $-C(=NR^7)N(R^5)R^5$, $-C(=NR^7)R^5$, $-C(=NR^7)OR^5$, $-N(R^5)C(=NR^7)N(R^5)R^5$, optionally substituted lower alkyl, optionally substituted heterocyclyl, and optionally substituted heterocyclylalkyl;

each R^5 is independently selected from -H, optionally substituted lower alkyl, optionally substituted aryl, optionally substituted lower arylalkyl, optionally substituted heterocyclyl, and optionally substituted lower heterocyclylalkyl;

two of R^5, together with the atom or respective atoms to which they are attached, can combine to form an optionally substituted three- to seven-membered heterocyclic;

R^5 and R^6, together with the atom or atoms to which they are attached, can combine to form a five- to seven-membered optionally substituted heterocyclyl;

R^5 and R^7, together with the atom or atoms to which they are attached, can combine to form a five- to seven-membered optionally substituted heterocyclyl;

each of X and Y is independently selected from $-C(=O)-$, $-C(R^6)R^6-$, -O-, $-N(R^5)-$, $-C(=NR^7)-$, and $-S(O)_{0-2}-$; provided when X is -O- or $-N(R^5)-$, then Y cannot be $-C(H)R^{6a}-$, where R^{6a} is $-C(R^{20})(R^{21})R^{22}$ wherein at least one of R^{20}, R^{21} and R^{22} is selected from phenyl, napthyl, cyclohexyl, dihydronapthyl tetrahydronapthyl, and a five- to six-membered heteroaryl, each optionally substituted;

or X and Y can combine to form either $-C(R^6)=C(R^6)-$ or $-C\equiv C-$;

each R^6 is independently selected from -H, halogen, trihalomethyl, -CN, $-NO_2$, $-NH_2$, $-OR^5$, $-N(R^5)R^5$, $-S(O)_{0-2}R^5$, $-SO_2N(R^5)R^5$, $-CO_2R^5$, $-C(O)N(R^5)R^5$, $-N(R^5)SO_2R^5$, $-N(R^5)C(O)R^5$, $-N(R^5)CO_2R^5$, $-C(O)R^5$, optionally substituted lower alkyl, optionally substituted aryl, optionally substituted heterocyclyl, optionally substituted heterocyclylalkyl, optionally substituted arylalkyl, and a single bond to an atom of R^1;

two of R^6, together with the atom or atoms to which they are attached, can combine to form either an optionally substituted three to seven-membered alicylic or an optionally substituted three to seven-membered heteroalicylic;

each R^7 is independently selected from -H, -CN, $-NO_2$, $-N(R^5)R^5$, $-OR^5$, $-S(O)_{0-2}R^5$, $-SO_2N(R^5)R^5$, $-CO_2R^5$, optionally substituted lower alkyl, optionally substituted lower alkenyl, optionally substituted lower alkynyl, and a single bond to a carbon of J; and

J is selected from an optionally substituted five- to ten-membered aryl and an optionally substituted five- to ten-membered heteroaryl;

provided the compound is not one of: 2-(2-amino-5-cyano-6-methylsulfanyl-pyrimidin-4-ylsulfanyl)-N-(3-trifluoromethyl-phenyl)-acetamide, 2-{[2-amino-5-cyano-6-(methyl-thio)pyrimidin-4-yl]thio}-N-[3-(butyloxy)phenyl]acetamide, 2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-1,3-benzothiazol-2-ylacetamide, 2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(5-ethyl-1,3,4-thiadiazol-2-yl)acetamide, 2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(4-methyl-1,3-thiazol-2-yl)acetamide, 2-amino-4-{[2-(3,5-dimethyl-1H-pyrazol-1-yl)-2-oxoethyl]thio}-6-(methylthio)pyrimidine-5-carbonitrile, 2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-1,3-thiazol-2-ylacetamide, 2-(5-cyano-2-methylsulfanyl-pyrimidin-4-ylsulfanyl)-N-phenyl-acetamide, 5-amino-2-methylsulfanyl-thieno[2,3-d]pyrimidine-6-carboxylic acid phenylamide, 2-(6-amino-5-cyano-2-methylsulfanyl-pyrimidin-4-ylsulfanyl)-N-phenyl-acetamide, 4,5-diamino-2-(2-methoxy-ethoxy)-thieno[2,3-d]pyrimidine-6-carboxylic acid phenylamide, 2-(5-cyano-6-phenyl-2-phenylcarbamoylmethylsulfanyl-pyrimidin-4-ylsulfanyl)-N-phenyl-acetamide, and a 2-(6-amino-3,5-dicyano-pyridin-2-ylsulfanyl)-N-phenyl-acetamide derivative.

22. (original) The compound according to claim 21, wherein R^4 is $-NR^{5a}R^{5b}$; wherein at least one of R^{5a} and R^{5b} is -H.

23. (original) The compound according to claim 22, wherein X is selected from -O-, -$N(R^5)$-, and -$S(O)_{0-2}$-.

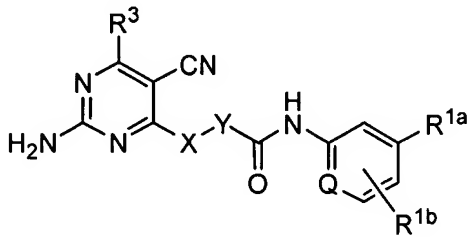
24. (original) The compound according to claim 23, wherein Y is either -$C(R^6)R^6$- or -$N(R^5)$-.

25. (original) The compound according to claim 24, wherein J is either phenyl or pyridyl.

26. (original) The compound according to claim 25, wherein R^4 is -NH_2.

27. (original) The compound according to claim 26, wherein at least one of R^1 is selected from halo, -NO_2, -OR^5, perfluoroalkyl, haloalkyl, and optionally substituted C_{1-4}alkyl.

28. (original) The compound according to claim 27, of Formula **V**,



V

wherein R^1, R^3, X, and Y are as defined above; and Q is either =N- or =C(H)-.

29. (original) The compound according to claim 28, wherein R^{1a} is selected from halo, lower perfluoroalkyl, -NO_2, optionally substituted -O-C_{1-4}alkyl, and optionally substituted C_{1-4}alkyl.

30. (original) The compound according to claim 29, wherein R^3 is selected from optionally substituted -O-C_{1-4}alkyl, -O-C_{1-4}perfluoroalkyl, optionally substituted -N(H)C_{1-4}alkyl, optionally substituted -N(C_{1-4}alkyl)C_{1-4}alkyl, optionally substituted -$S(O)_{0-2}$-C_{1-4}alkyl, and optionally substituted -$S(O)_{0-2}$-C_{1-4}perfluoroalkyl.

31. (original) The compound according to claim 30, wherein Y is -$C(R^6)R^6$-; wherein each R^6 is independently selected from -H, halogen, trihalomethyl, -NH_2, optionally substituted -O-C_{1-4}alkyl, optionally substituted -N(H)C_{1-4}alkyl, optionally substituted -S-

C_{1-4}alkyl, optionally substituted lower alkyl, optionally substituted heterocyclyl, and optionally substituted heterocyclylalkyl.

32. (original) The compound according to claim 31, wherein Y is -C(H)R^6-; wherein R^6 is independently selected from -H, halogen, trihalomethyl, -NH_2, optionally substituted -O-C_{1-4}alkyl, optionally substituted -N(H)C_{1-4}alkyl, optionally substituted -S-C_{1-4}alkyl, optionally substituted lower alkyl, optionally substituted heterocyclyl, and optionally substituted heterocyclylalkyl.

33. (original) The compound according to claim 32, wherein Q is =C(H)-.

34. (currently amended) The compound according to claim 1, selected from Table 3.

Table 3

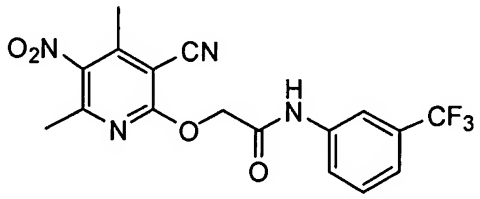
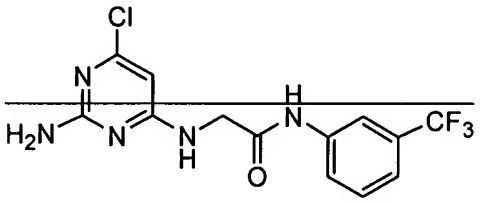
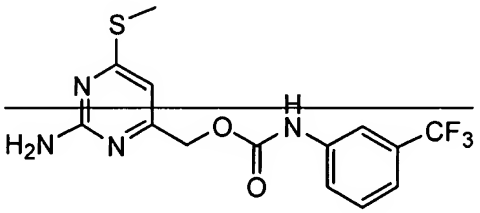
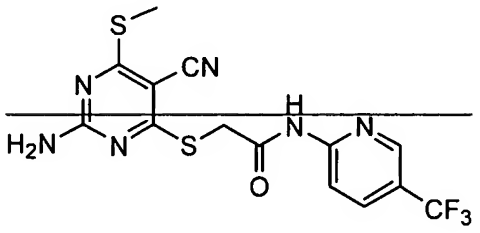
Entry	Name	Structure
1	2-[(3-cyano-4,6-dimethyl-5-nitropyridin-2-yl)oxy]-N-[3-(trifluoromethyl)phenyl]acetamide	
~~2~~	~~N_2-(2-amino-6-chloropyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide~~	
~~3~~	~~[2-amino-6-(methylthio)pyrimidin-4-yl]methyl [3-(trifluoromethyl)phenyl]carbamate~~	
4	~~2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[5-(trifluoromethyl)pyridin-2-yl]acetamide~~	

Table 3

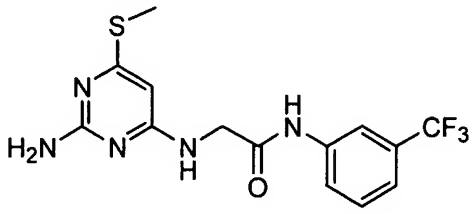
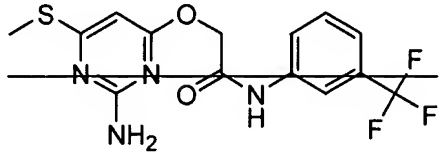
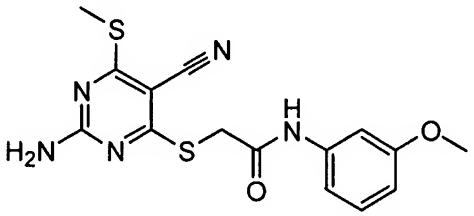
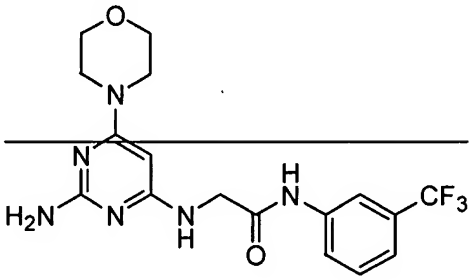
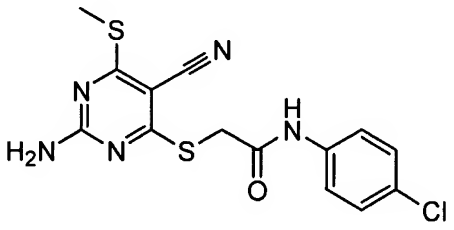
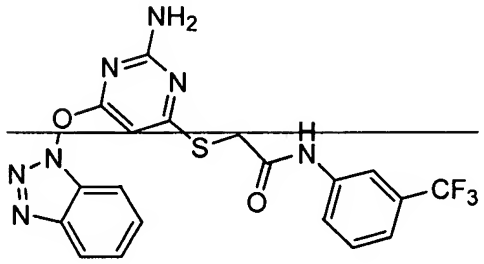
Entry	Name	Structure
5	N^2-[2-amino-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
~~6~~	~~2-{[2-amino-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]acetamide~~	
7	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(methyloxy)phenyl]acetamide	
~~8~~	~~N^2-(2-amino-6-morpholin-4-ylpyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide~~	
9	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(4-chlorophenyl)acetamide	
~~10~~	~~2-{[2-amino-6-(1H-1,2,3-benzotriazol-1-yloxy)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide~~	

Table 3

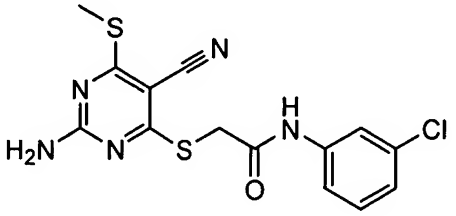
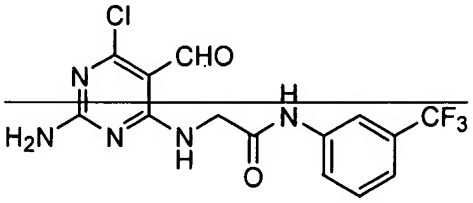
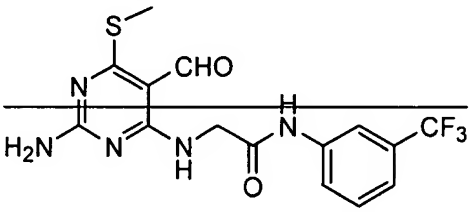
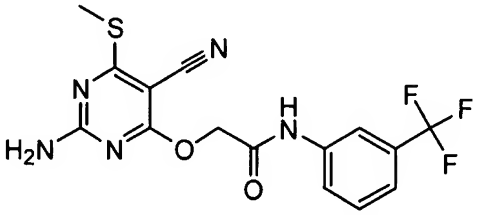
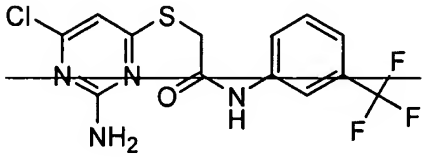
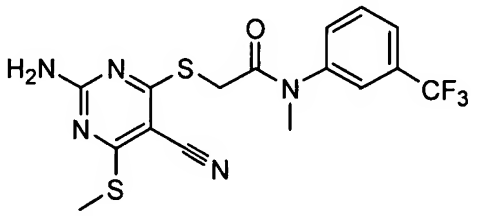
Entry	Name	Structure
11	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(3-chlorophenyl)acetamide	
~~12~~	~~N^2-(2-amino-6-chloro-5-formylpyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide~~	
~~13~~	~~N^2-[2-amino-5-formyl-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide~~	
14	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	
~~15~~	~~2-[(2-amino-6-chloropyrimidin-4-yl)thio]-N-[3-(trifluoromethyl)phenyl]acetamide~~	
16	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-methyl-N-[3-(trifluoromethyl)phenyl]acetamide	

Table 3

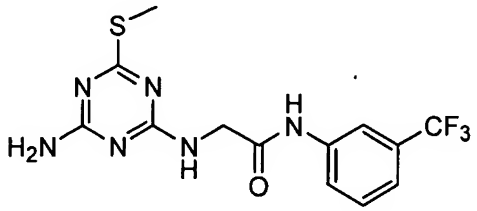
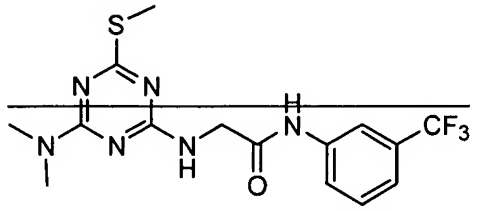
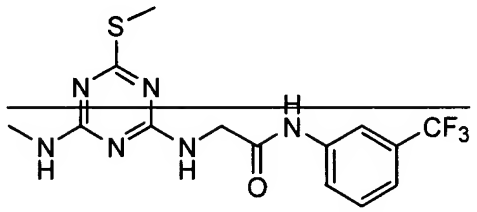
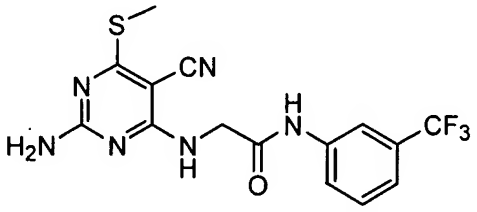
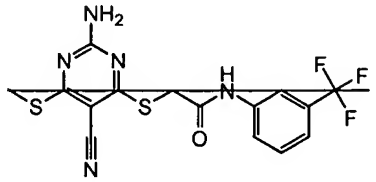
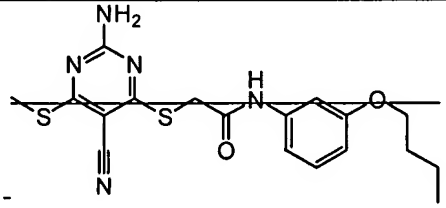
Entry	Name	Structure
17	N^2-[4-amino-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
~~18~~	~~N^2-[4-(dimethylamino)-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide~~	
~~19~~	~~N^2-[4-(methylamino)-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide~~	
20	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
~~21~~	~~2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide~~	
~~22~~	~~2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(butyloxy)phenyl]acetamide~~	

Table 3

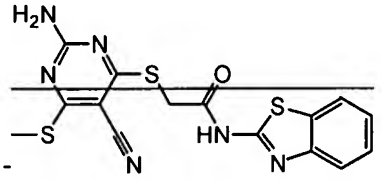
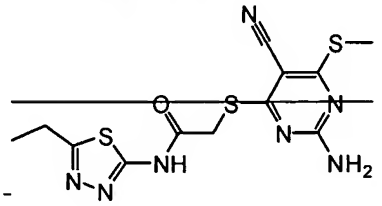
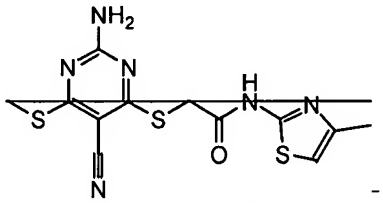
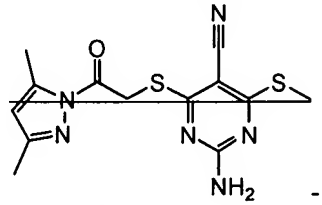
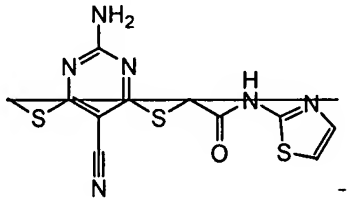
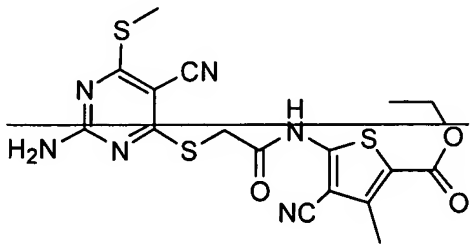
Entry	Name	Structure
~~23~~	~~2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-1,3-benzothiazol-2-ylacetamide~~	
~~24~~	~~2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(5-ethyl-1,3,4-thiadiazol-2-yl)acetamide~~	
~~25~~	~~2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(4-methyl-1,3-thiazol-2-yl)acetamide~~	
~~26~~	~~2-amino-4-{[2-(3,5-dimethyl-1H-pyrazol-1-yl)-2-oxoethyl]thio}-6-(methylthio)pyrimidine-5-carbonitrile~~	
~~27~~	~~2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-1,3-thiazol-2-ylacetamide~~	
~~28~~	~~ethyl 5-[({[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}acetyl)amino]-4-cyano-3-methylthiophene-2-carboxylate~~	

Table 3

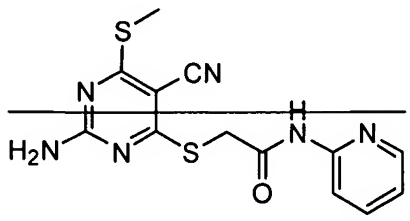
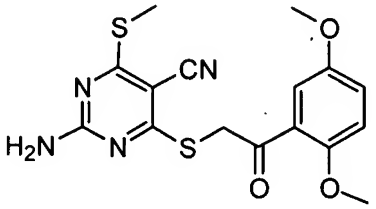
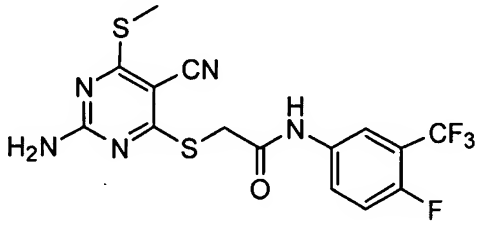
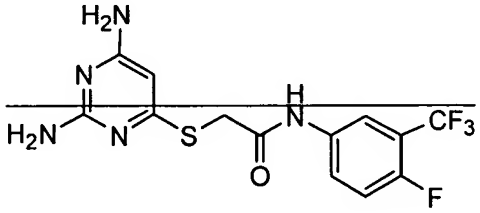
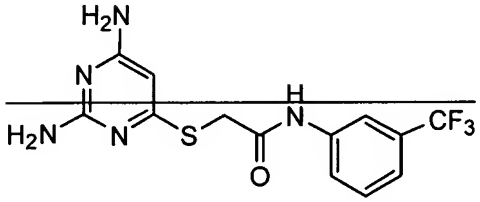
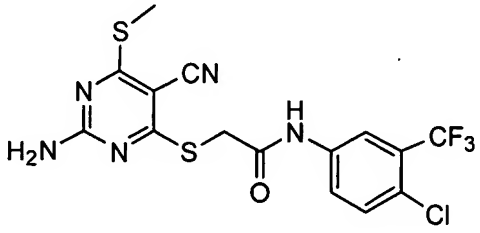
Entry	Name	Structure
~~29~~	~~2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-pyridin-2-ylacetamide~~	
30	2-amino-4-({2-[2,5-bis(methyloxy)phenyl]-2-oxoethyl}thio)-6-(methylthio)pyrimidine-5-carbonitrile	
31	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[4-fluoro-3-(trifluoromethyl)phenyl]acetamide	
~~32~~	~~2-[(2,6-diaminopyrimidin-4-yl)thio]-N-[4-fluoro-3-(trifluoromethyl)phenyl]acetamide~~	
~~33~~	~~2-[(2,6-diaminopyrimidin-4-yl)thio]-N-[3-(trifluoromethyl)phenyl]acetamide~~	
34	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[4-chloro-3-(trifluoromethyl)phenyl]acetamide	

Table 3

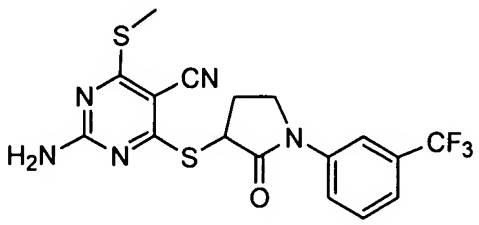
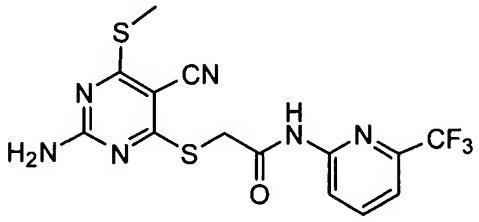
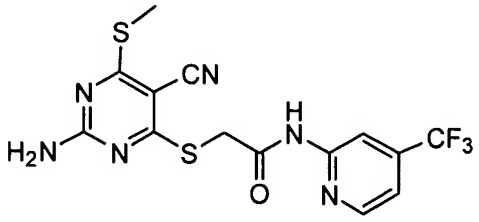
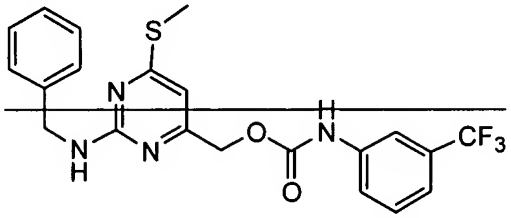
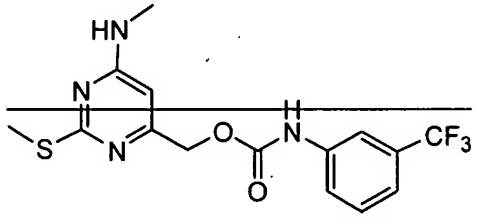
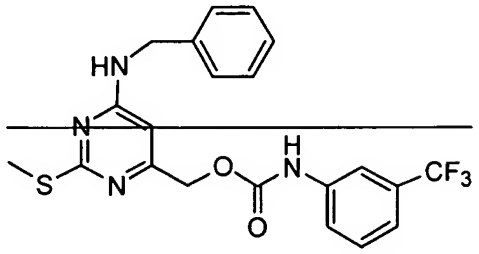
Entry	Name	Structure
35	2-amino-4-(methylthio)-6-({2-oxo-1-[3-(trifluoromethyl)phenyl]pyrrolidin-3-yl}thio)pyrimidine-5-carbonitrile	
36	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[6-(trifluoromethyl)pyridin-2-yl]acetamide	
37	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[4-(trifluoromethyl)pyridin-2-yl]acetamide	
~~38~~	~~{6-(methylthio)-2-[(phenylmethyl)amino]pyrimidin-4-yl}methyl [3-(trifluoromethyl)phenyl]carbamate~~	
~~39~~	~~[6-(methylamino)-2-(methylthio)pyrimidin-4-yl]methyl [3-(trifluoromethyl)phenyl]carbamate~~	
~~40~~	~~{2-(methylthio)-6-[(phenylmethyl)amino]pyrimidin-4-yl}methyl [3-(trifluoromethyl)phenyl]carbamate~~	

Table 3

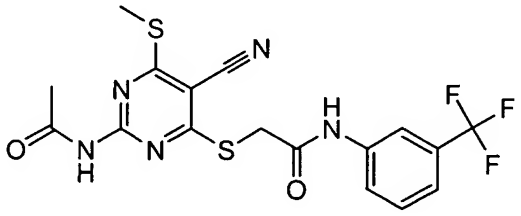
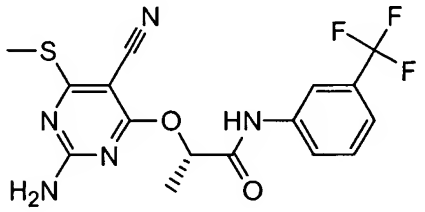
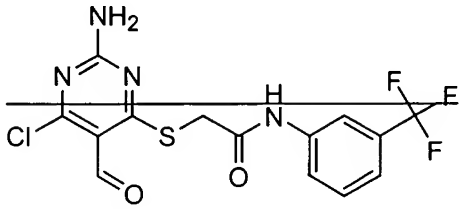
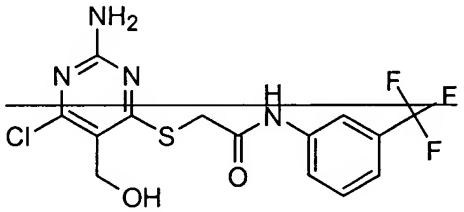
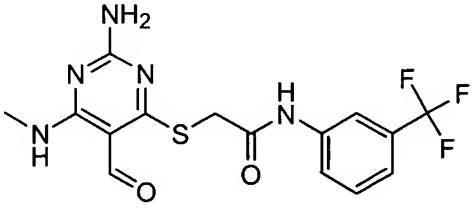
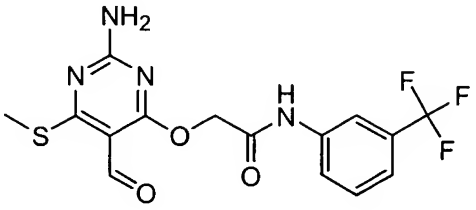
Entry	Name	Structure
41	2-{[2-(acetylamino)-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
42	(2S)-2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]propanamide	
~~43~~	~~2-[(2-amino-6-chloro-5-formylpyrimidin-4-yl)thio]-N-[3-(trifluoromethyl)phenyl]acetamide~~	
~~44~~	~~N^2-[2-amino-5-(hydroxymethyl)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide~~	
45	2-{[2-amino-5-formyl-6-(methylamino)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
46	2-{[2-amino-5-formyl-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	

Table 3

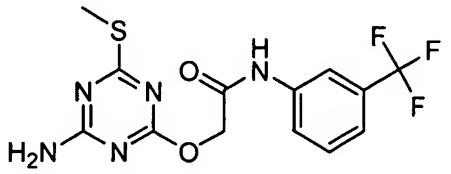
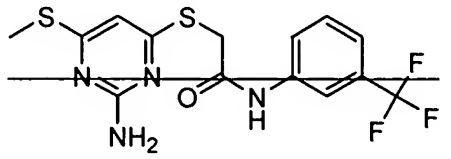
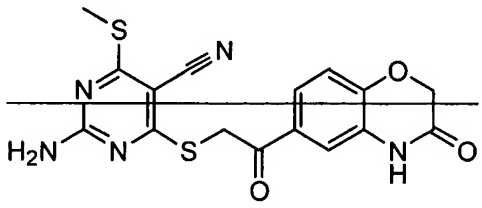
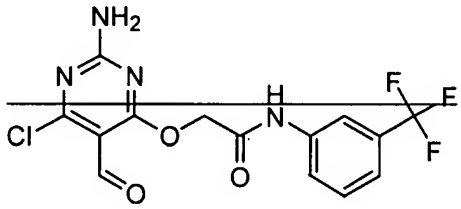
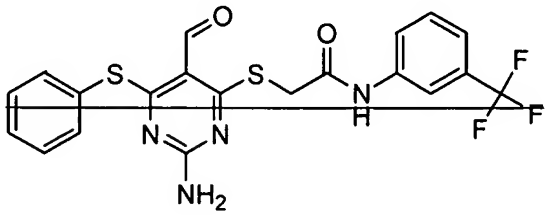
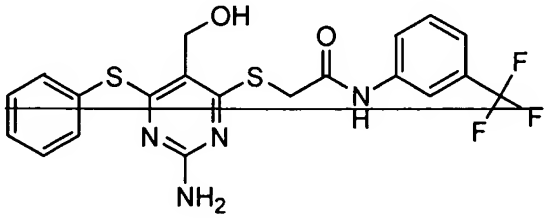
Entry	Name	Structure
47	2-{[4-amino-6-(methylthio)-1,3,5-triazin-2-yl]oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	
~~48~~	~~2-{[2-amino-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide~~	
~~49~~	~~2-amino-4-(methylthio)-6-{[2-oxo-2-(3-oxo-3,4-dihydro-2H-1,4-benzoxazin-6-yl)ethyl]thio}pyrimidine-5-carbonitrile~~	
~~50~~	~~2-[(2-amino-6-chloro-5-formylpyrimidin-4-yl)oxy]-N-[3-(trifluoromethyl)phenyl]acetamide~~	
~~51~~	~~2-{[2-amino-5-formyl-6-(phenylthio)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide~~	
~~52~~	~~2-{[2-amino-5-(hydroxymethyl)-6-(phenylthio)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide~~	

Table 3

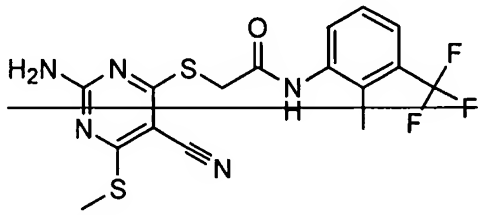
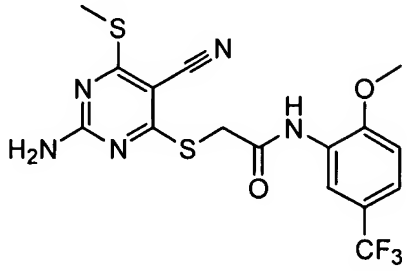
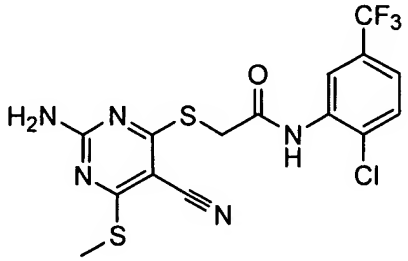
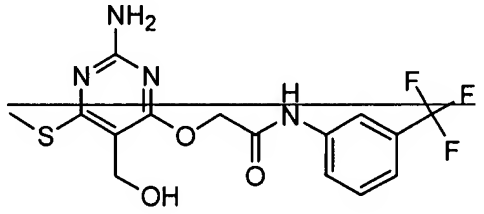
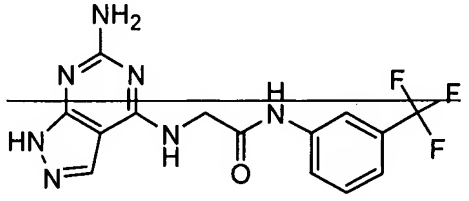
Entry	Name	Structure
~~53~~	~~2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[2-methyl-3-(trifluoromethyl)phenyl]acetamide~~	
54	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[2-(methyloxy)-5-(trifluoromethyl)phenyl]acetamide	
55	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[2-chloro-5-(trifluoromethyl)phenyl]acetamide	
~~56~~	~~2-{[2-amino-5-(hydroxymethyl)-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]acetamide~~	
~~57~~	~~N^2-(6-amino-1H-pyrazolo[3,4-d]pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide~~	

Table 3

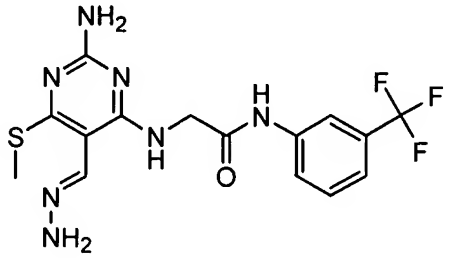
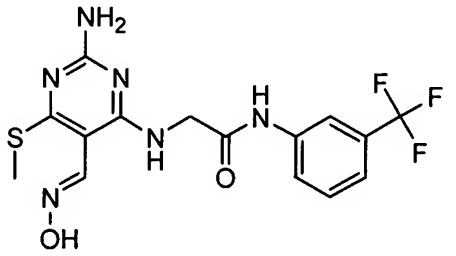
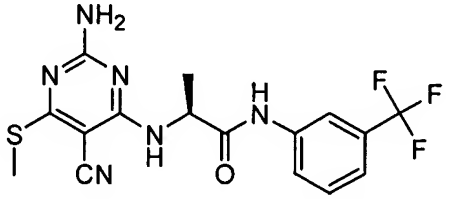
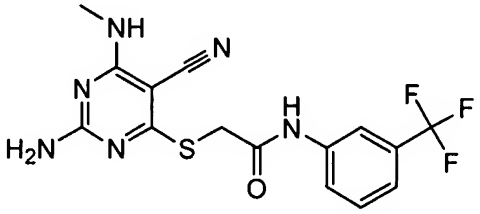
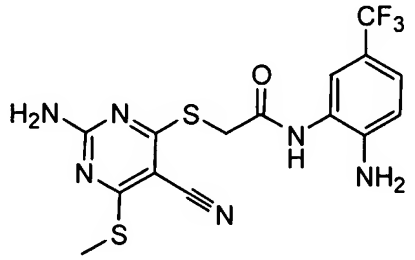
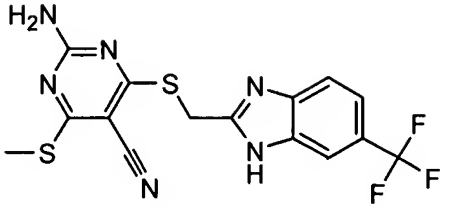
Entry	Name	Structure
58	N^2-[2-amino-5-[(E)-hydrazonomethyl]-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
59	N^2-[2-amino-5-[(E)-(hydroxyimino)methyl]-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
60	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
61	2-{[2-amino-5-cyano-6-(methylamino)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
62	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[2-amino-5-(trifluoromethyl)phenyl]acetamide	
63	2-amino-4-(methylthio)-6-({[6-(trifluoromethyl)-1H-benzimidazol-2-yl]methyl}thio)pyrimidine-5-carbonitrile	

Table 3

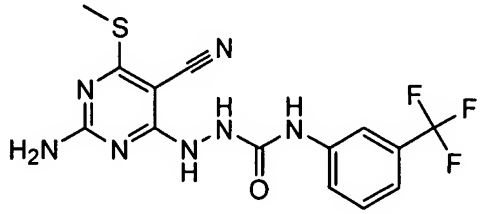
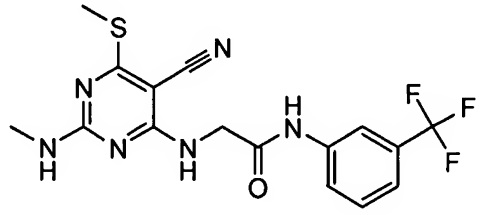
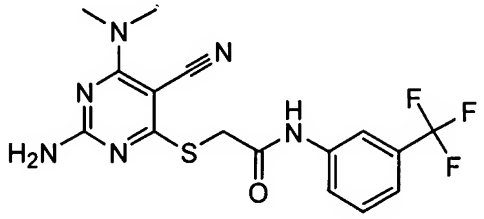
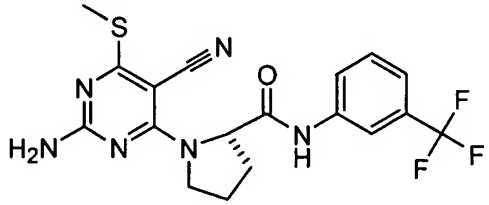
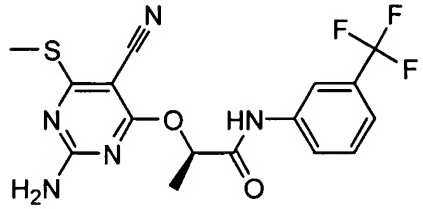
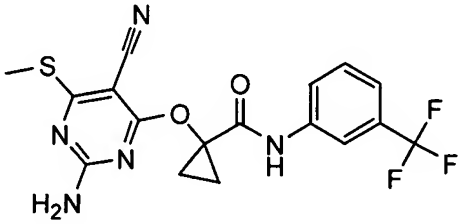
Entry	Name	Structure
64	2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	
65	N^2-[5-cyano-2-(methylamino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
66	2-{[2-amino-5-cyano-6-(dimethylamino)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
67	(S)-1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]prolinamide	
68	(2R)-2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]propanamide	
69	1-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]cyclopropanecarboxamide	

Table 3

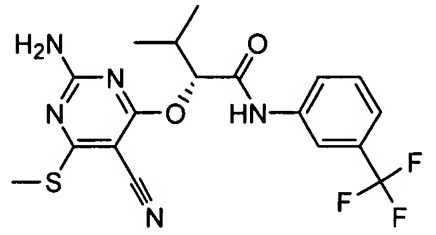
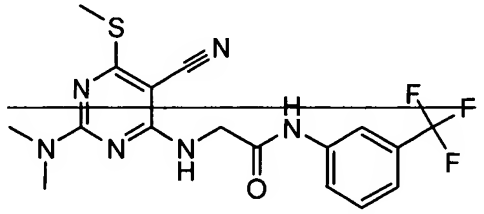
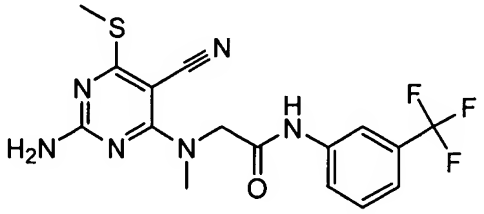
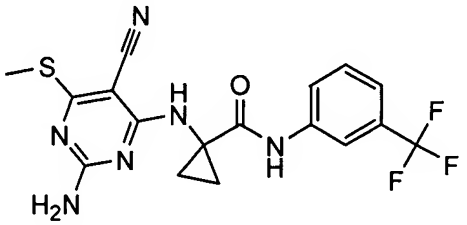
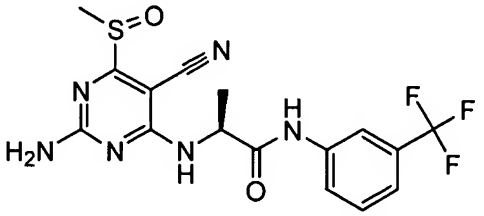
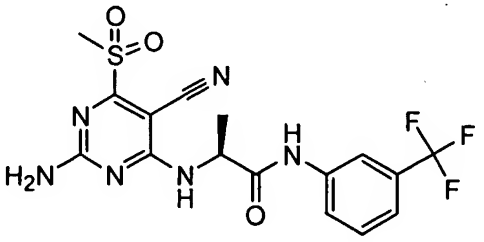
Entry	Name	Structure
70	(2S)-2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy}-3-methyl-N-[3-(trifluoromethyl)phenyl]butanamide	
~~71~~	~~N^2-[5-cyano-2-(dimethylamino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide~~	
72	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]glycinamide	
73	1-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino}-N-[3-(trifluoromethyl)phenyl]cyclopropane carboxamide	
74	N^2-[2-amino-5-cyano-6-(methylsulfinyl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
75	N^2-[2-amino-5-cyano-6-(methylsulfonyl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	

Table 3

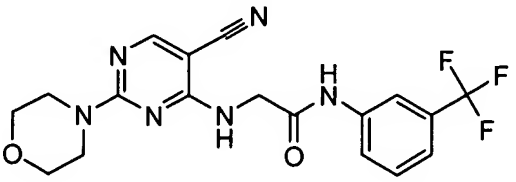
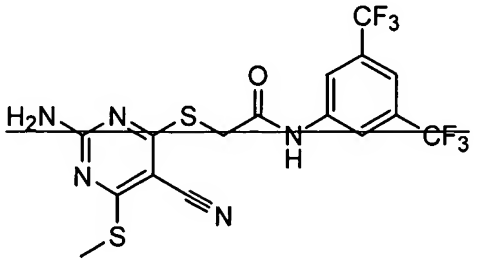
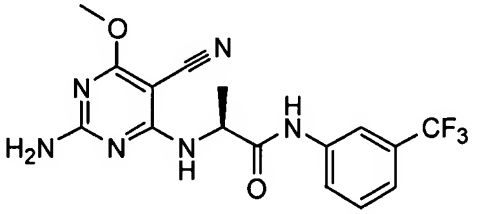
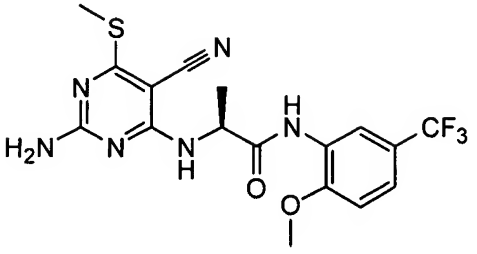
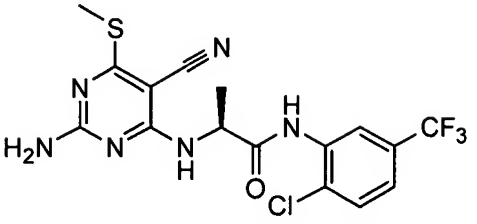
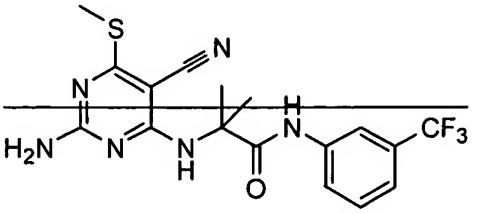
Entry	Name	Structure
76	N^2-(5-cyano-2-morpholin-4-ylpyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide	
~~77~~	~~2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3,5-bis(trifluoromethyl)phenyl]acetamide~~	
78	N^2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
79	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-(methyloxy)-5-(trifluoromethyl)phenyl]-L-alaninamide	
80	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-chloro-5-(trifluoromethyl)phenyl]-L-alaninamide	
~~81~~	~~N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-methyl-N-[3-(trifluoromethyl)phenyl]alaninamide~~	

Table 3

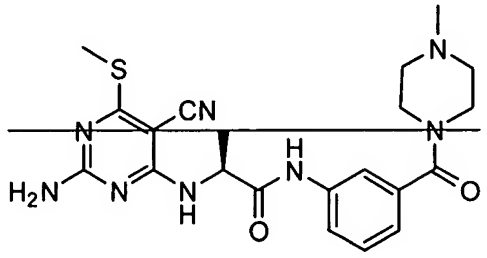
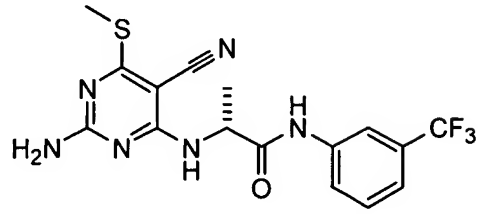
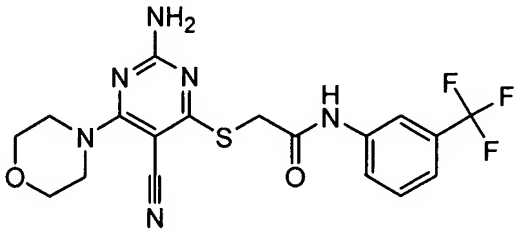
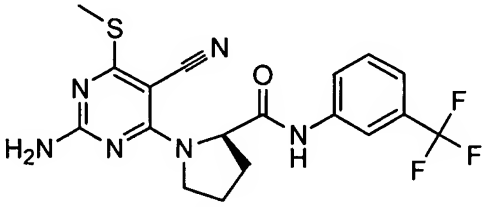
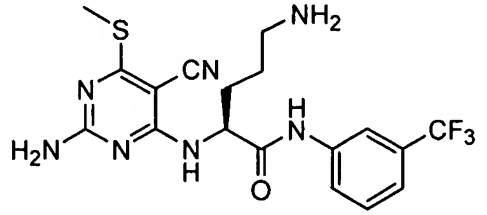
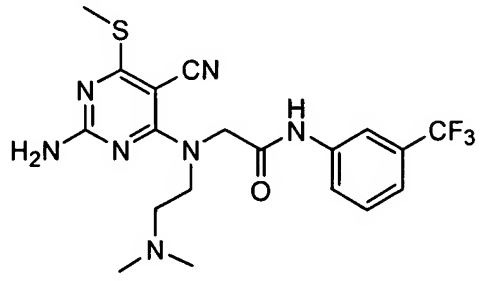
Entry	Name	Structure
~~82~~	~~N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-{3-[(4-methylpiperazin-1-yl)carbonyl]phenyl}-L-alaninamide~~	
83	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-alaninamide	
84	2-[(2-amino-5-cyano-6-morpholin-4-ylpyrimidin-4-yl)thio]-N-[3-(trifluoromethyl)phenyl]acetamide	
85	(R)-1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]prolinamide	
86	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	
87	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-[2-(dimethylamino)ethyl]-N-[3-(trifluoromethyl)phenyl]glycinamide	

Table 3

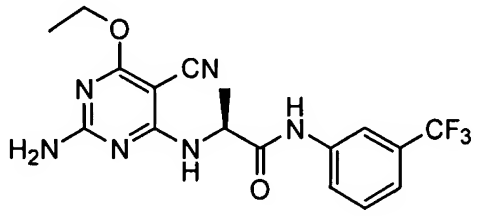
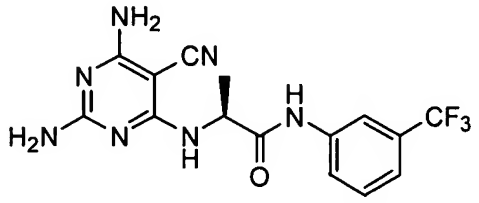
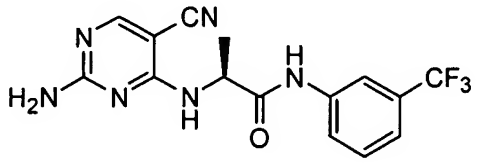
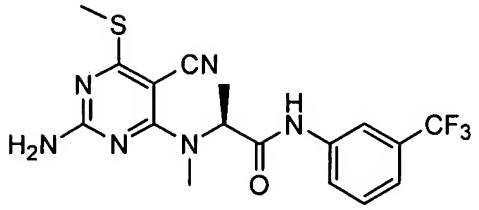
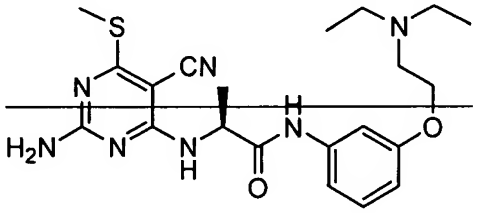
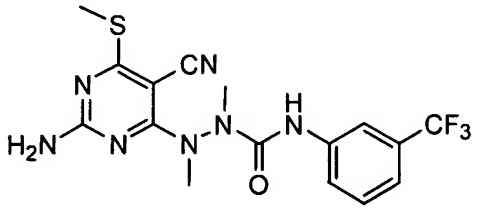
Entry	Name	Structure
88	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
89	N^2-(2,6-diamino-5-cyanopyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
90	N^2-(2-amino-5-cyanopyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
91	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
~~92~~	~~N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-{[2-(diethylamino)ethyl]oxy}phenyl)-L-alaninamide~~	
93	2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-1,2-dimethyl-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	

Table 3

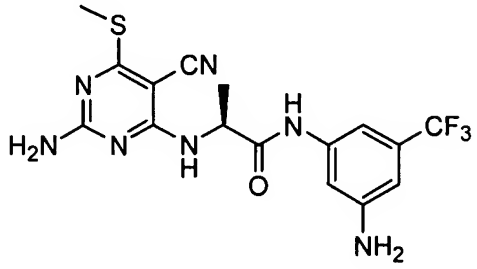
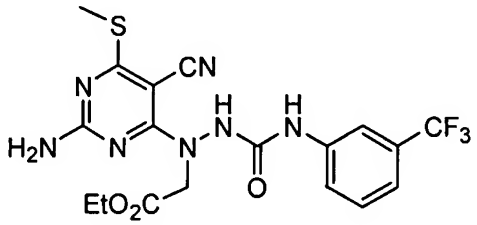
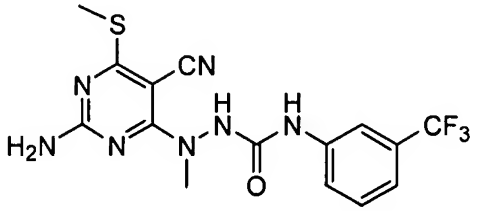
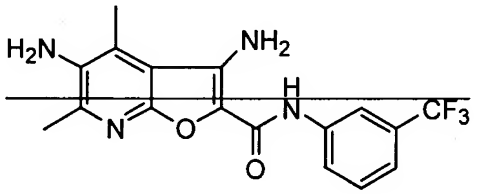
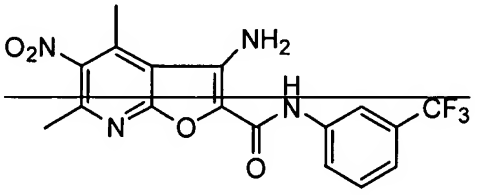
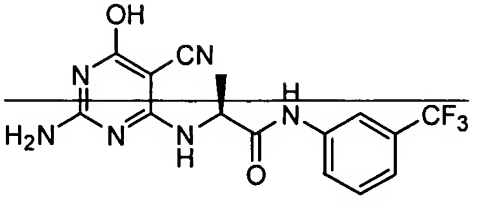
Entry	Name	Structure
94	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-amino-5-(trifluoromethyl)phenyl]-L-alaninamide	
95	ethyl [1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-({[3-(trifluoromethyl)phenyl]amino}carbonyl)hydrazino]acetate	
96	2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-methyl-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	
~~97~~	~~3,5-diamino-4,6-dimethyl-N-[3-(trifluoromethyl)phenyl]furo[2,3-b]pyridine-2-carboxamide~~	
~~98~~	~~3-amino-4,6-dimethyl-5-nitro-N-[3-(trifluoromethyl)phenyl]furo[2,3-b]pyridine-2-carboxamide~~	
~~99~~	~~N^2-(2-amino-5-cyano-6-hydroxypyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide~~	

Table 3

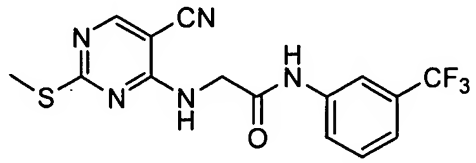
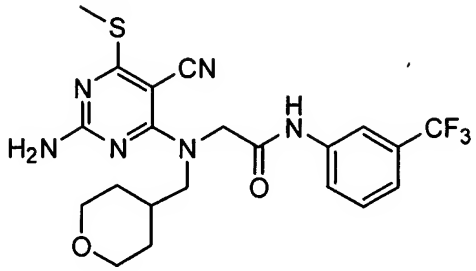
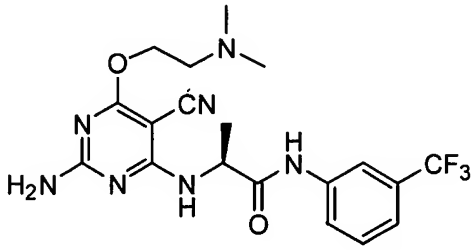
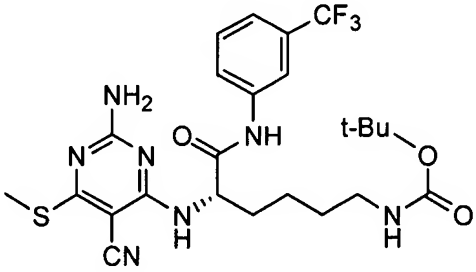
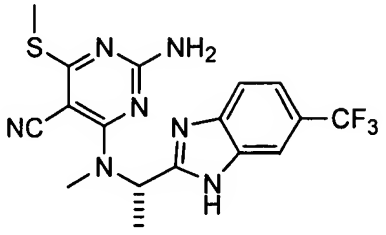
Entry	Name	Structure
100	N^2-[5-cyano-2-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
101	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-(tetrahydro-2H-pyran-4-ylmethyl)-N-[3-(trifluoromethyl)phenyl]glycinamide	
102	N^2-(2-amino-5-cyano-6-{[2-(dimethylamino)ethyl]oxy}pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
103	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-6-{[(1,1-dimethylethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysinamide	
104	2-amino-4-(methylthio)-6-(methyl{(1S)-1-[6-(trifluoromethyl)-1H-benzimidazol-2-yl]ethyl}amino)pyrimidine-5-carbonitrile	

Table 3

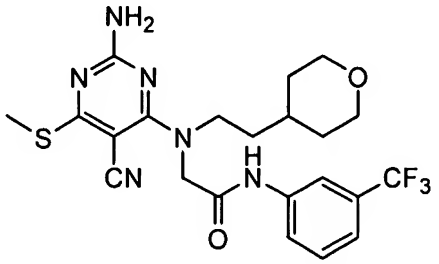
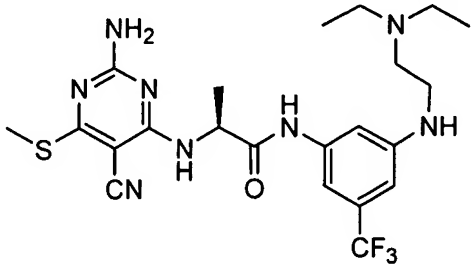
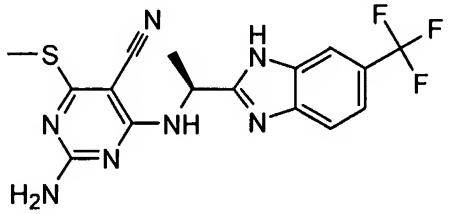
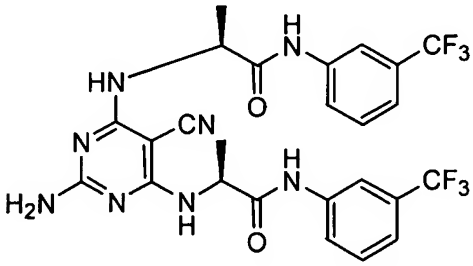
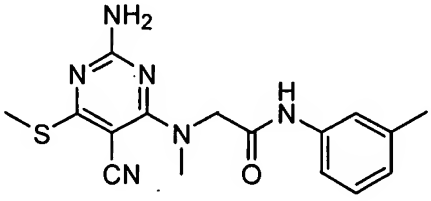
Entry	Name	Structure
105	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-[2-(tetrahydro-2H-pyran-4-yl)ethyl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
106	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-{[2-(diethylamino)ethyl]amino}-5-(trifluoromethyl)phenyl]-L-alaninamide	
107	2-amino-4-(methylthio)-6-({(1S)-1-[6-(trifluoromethyl)-1H-benzimidazol-2-yl]ethyl}amino)pyrimidine-5-carbonitrile	
108	2-{2-amino-5-cyano-6-[1-(3-trifluoromethyl-phenylcarbamoyl)-1S-ethylamino]-pyrimidin-4-ylamino}-N-(3-trifluoromethyl-phenyl)-2S-propionamide	
109	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-(3-methylphenyl)glycinamide	

Table 3

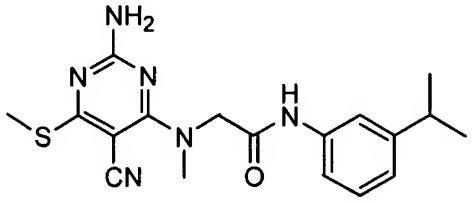
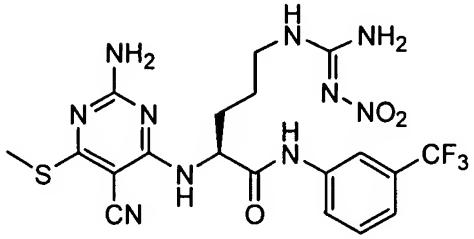
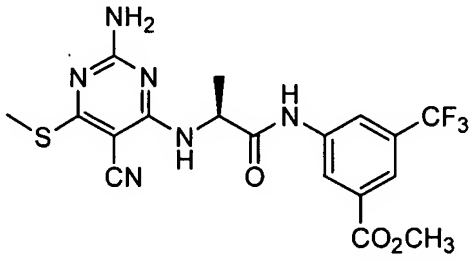
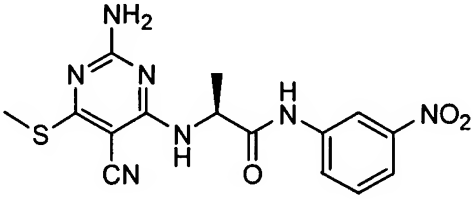
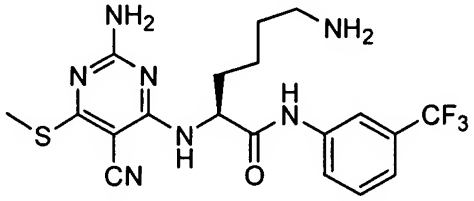
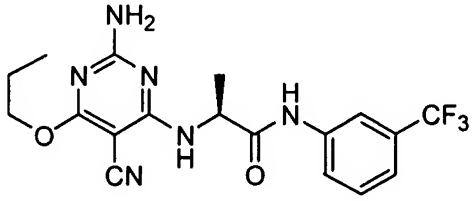
Entry	Name	Structure
110	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-(1-methylethyl)phenyl]glycinamide	
111	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-5-[imino(nitroamino)methyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	
112	methyl 3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-5-(trifluoromethyl)benzoate	
113	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-nitrophenyl)-L-alaninamide	
114	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-lysinamide	
115	N^2-[2-amino-5-cyano-6-(propyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	

Table 3

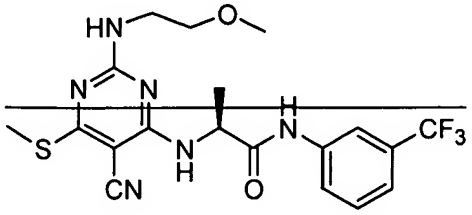
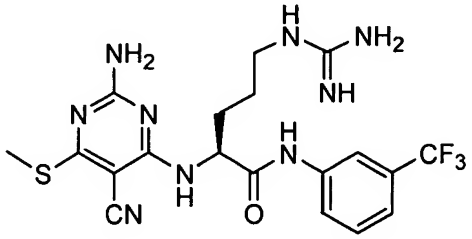
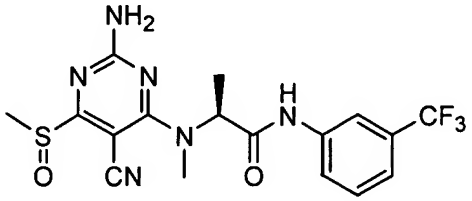
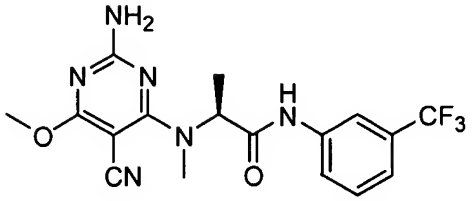
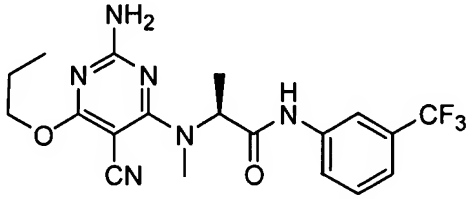
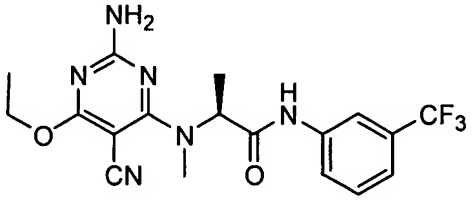
Entry	Name	Structure
~~116~~	~~N^2-[5-cyano-2-{[2-(methyloxy)ethyl]amino}-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide~~	
117	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-argininamide	
118	N^2-[2-amino-5-cyano-6-(methylsulfinyl)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
119	N^2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
120	N^2-[2-amino-5-cyano-6-(propyloxy)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
121	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	

Table 3

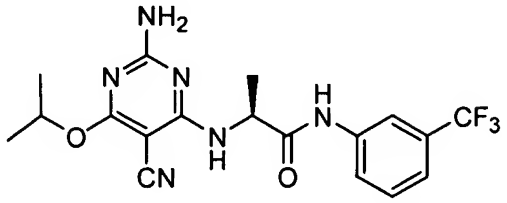
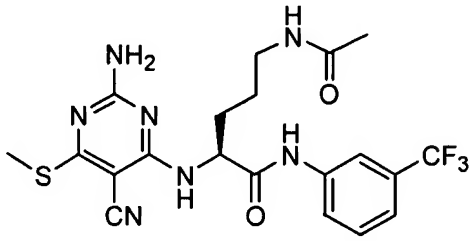
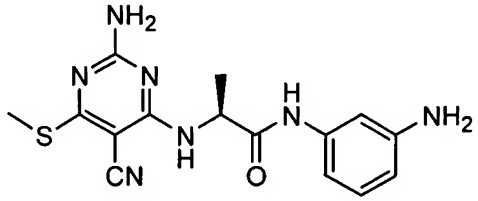
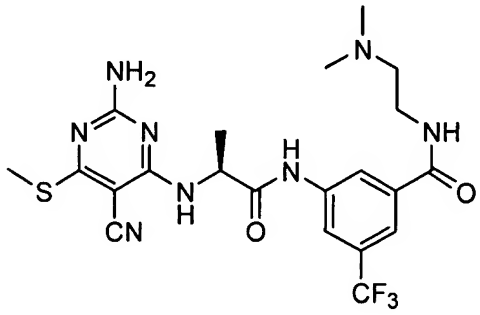
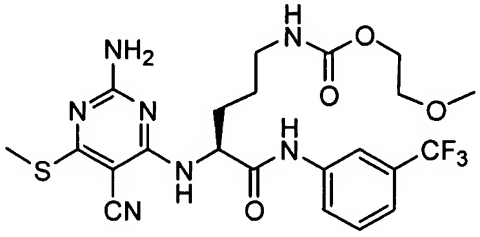
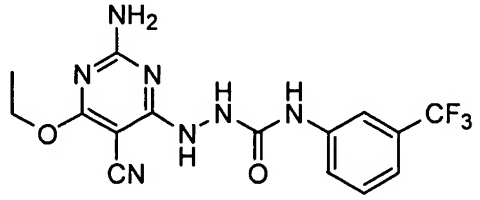
Entry	Name	Structure
122	N^2-{2-amino-5-cyano-6-[(1-methylethyl)oxy]pyrimidin-4-yl}-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
123	N-5-acetyl-N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	
124	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-aminophenyl)-L-alaninamide	
125	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	
126	2-(methyloxy)ethyl ((4S)-4-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl)carbamate	
127	2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	

Table 3

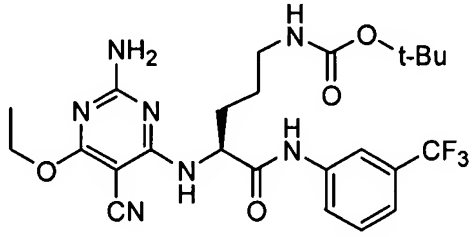
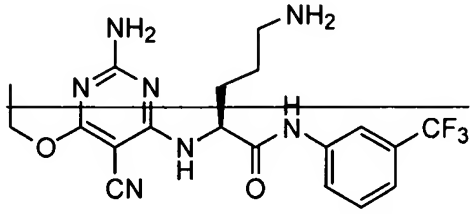
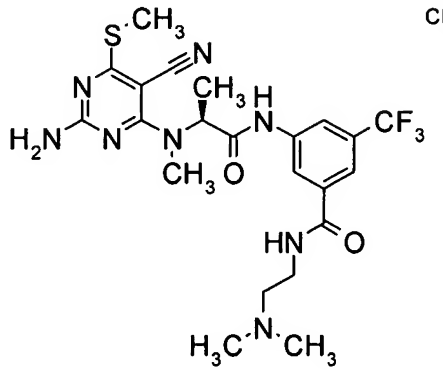
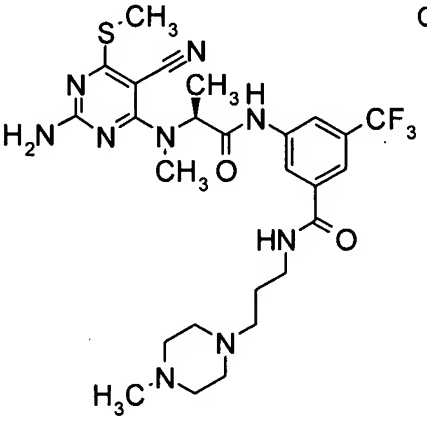
Entry	Name	Structure
128	1,1-dimethylethyl ((4S)-4-{[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl)carbamate	
~~129~~	~~N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide~~	
130	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-methyl-L-alanyl}amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	Chiral 
131	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-methyl-L-alanyl}amino)-N-[3-(4-methylpiperazin-1-yl)propyl]-5-(trifluoromethyl)benzamide	Chiral 

Table 3

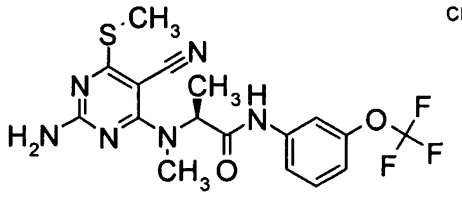
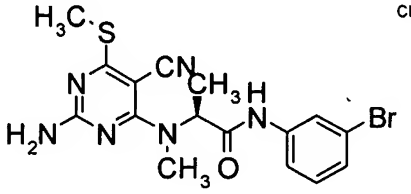
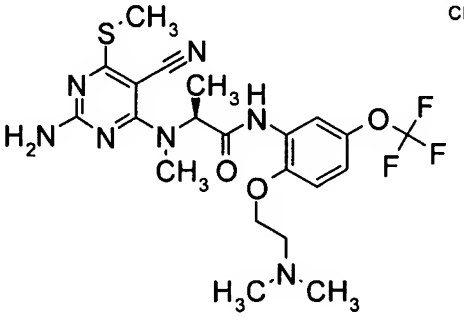
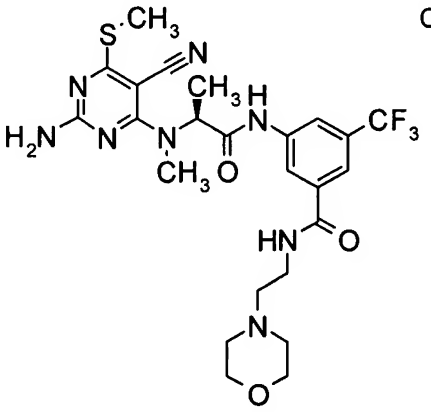
Entry	Name	Structure
132	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N~2~-methyl-N-{3-[(trifluoromethyl)oxy]phenyl}-L-alaninamide	 Chiral
133	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-bromophenyl)-N~2~-methyl-L-alaninamide	 Chiral
134	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-{2-{[2-(dimethylamino)ethyl]oxy}-5-[(trifluoromethyl)oxy]phenyl}-N~2~-methyl-L-alaninamide	 Chiral
135	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-methyl-L-alanyl}amino)-N-(2-morpholin-4-ylethyl)-5-(trifluoromethyl)benzamide	 Chiral

Table 3

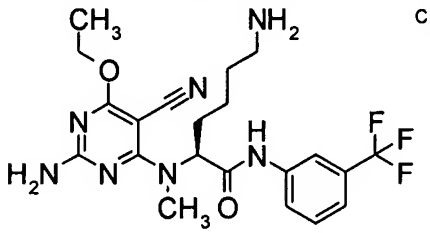
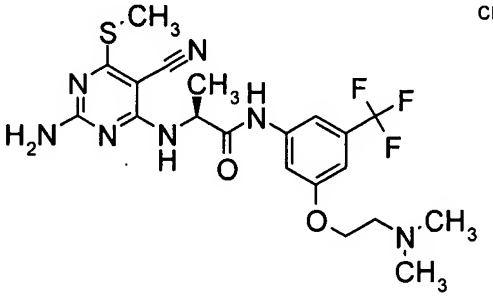
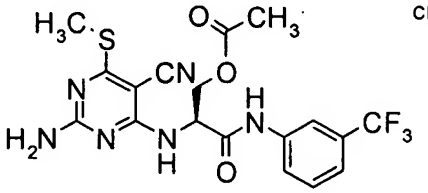
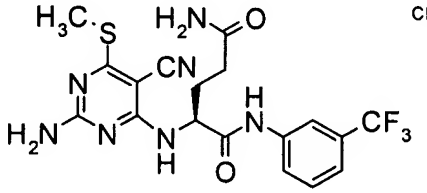
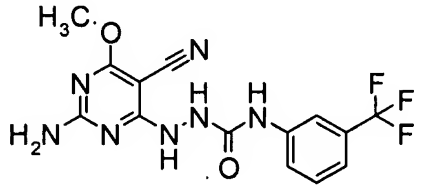
Entry	Name	Structure
136	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N~2~-methyl-N-[3-(trifluoromethyl)phenyl]-L-lysinamide	 Chiral
137	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-{[2-(dimethylamino)ethyl]oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide	 Chiral
138	(2S)-2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino}-3-oxo-3-{[3-(trifluoromethyl)phenyl]amino}propyl acetate	 Chiral
139	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N~1~-[3-(trifluoromethyl)phenyl]-L-glutamamide	 Chiral
140	2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	

Table 3

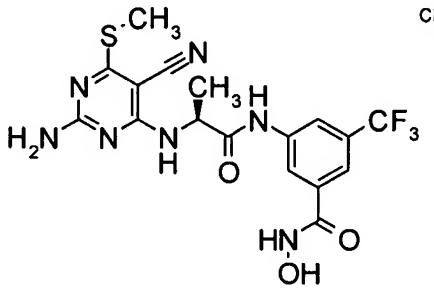
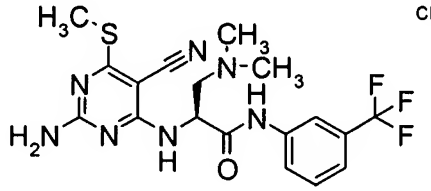
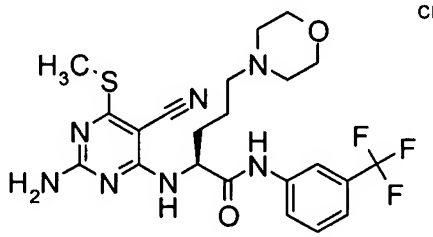
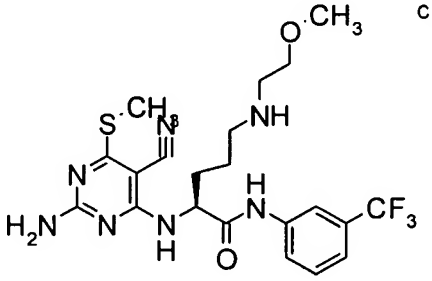
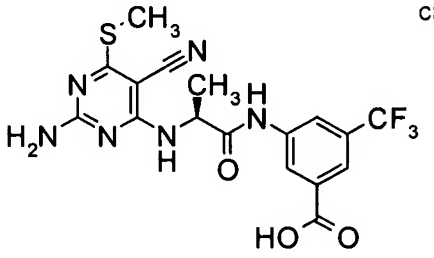
Entry	Name	Structure
141	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-N-hydroxy-5-(trifluoromethyl)benzamide	 Chiral
142	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	 Chiral
143	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-5-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-norvalinamide	 Chiral
144	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N~5~-[2-(methyloxy)ethyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	 Chiral
145	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-5-(trifluoromethyl)benzoic acid	 Chiral

Table 3

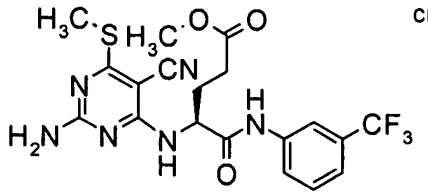
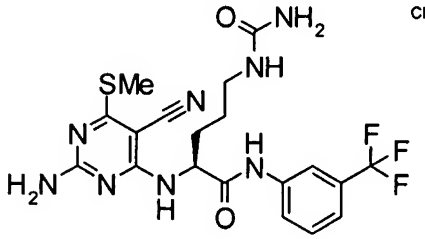
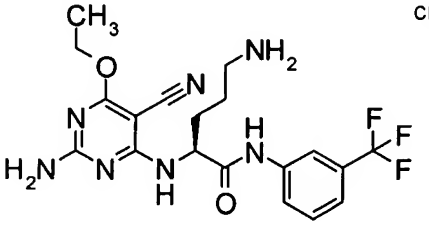
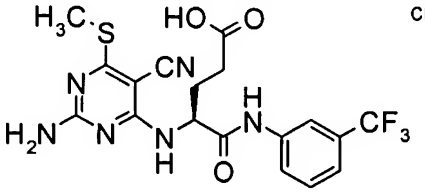
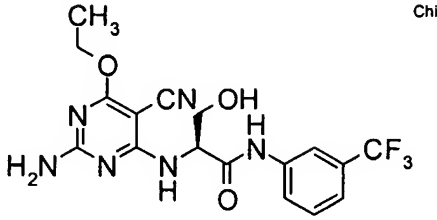
Entry	Name	Structure
146	methyl N~2~-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutaminate	 Chiral
147	N^5-(aminocarbonyl)-N~2~-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	 Chiral
148	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	 Chiral
149	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutamine	 Chiral
150	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-serinamide	 Chiral

Table 3

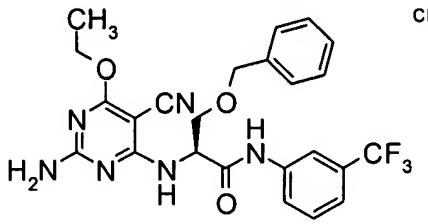
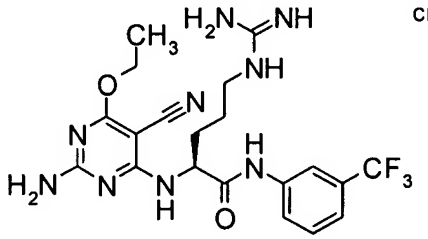
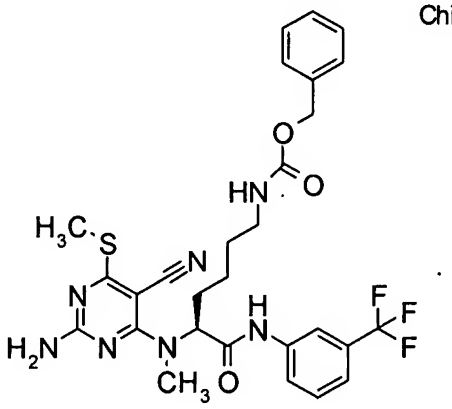
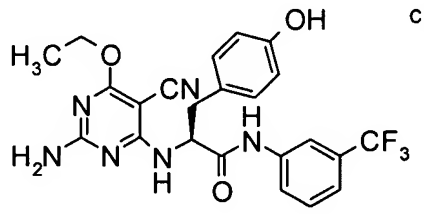
Entry	Name	Structure
151	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-O-(phenylmethyl)-N-[3-(trifluoromethyl)phenyl]-L-serinamide	 Chiral
152	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-argininamide	 Chiral
153	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N~2~-methyl-N^6-{[(phenylmethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysinamide	 Chiral
154	N-α-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-tyrosinamide	 Chiral

Table 3

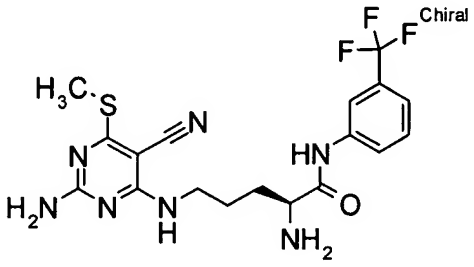
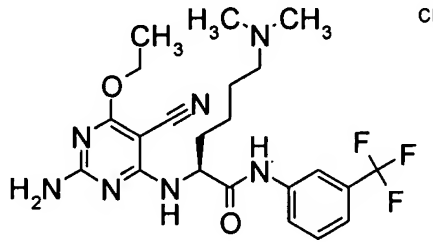
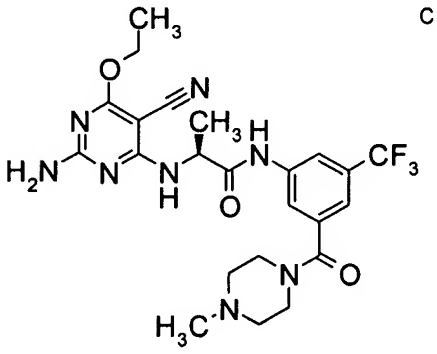
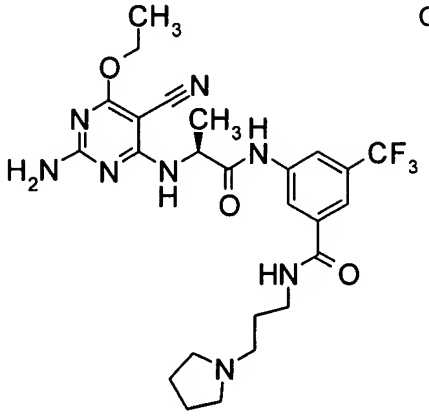
Entry	Name	Structure
155	N^5-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	 Chiral
156	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N~6~,N~6~-dimethyl-N-[3-(trifluoromethyl)phenyl]-L-lysinamide	 Chiral
157	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-[(4-methylpiperazin-1-yl)carbonyl]-5-(trifluoromethyl)phenyl]-L-alaninamide	 Chiral
158	3-({N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl}amino)-N-(3-pyrrolidin-1-ylpropyl)-5-(trifluoromethyl)benzamide	 Chiral

Table 3

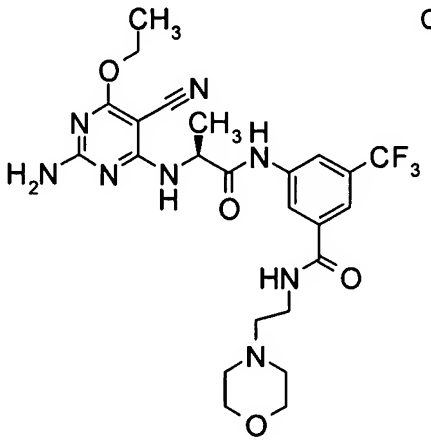
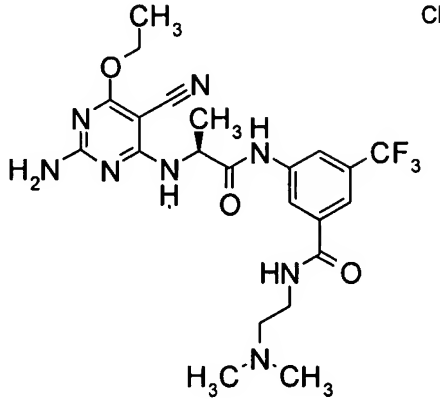
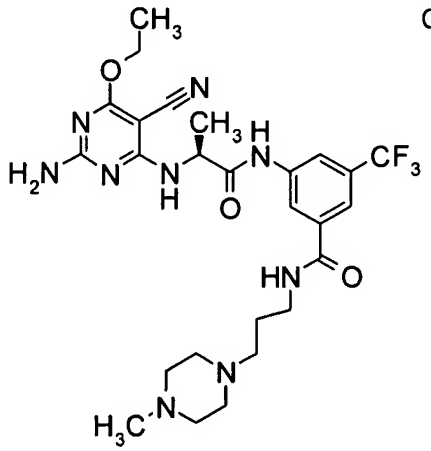
Entry	Name	Structure
159	3-({N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl}amino)-N-(2-morpholin-4-ylethyl)-5-(trifluoromethyl)benzamide	 Chiral
160	3-({N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl}amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	 Chiral
161	3-({N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl}amino)-N-[3-(4-methylpiperazin-1-yl)propyl]-5-(trifluoromethyl)benzamide	 Chiral

Table 3

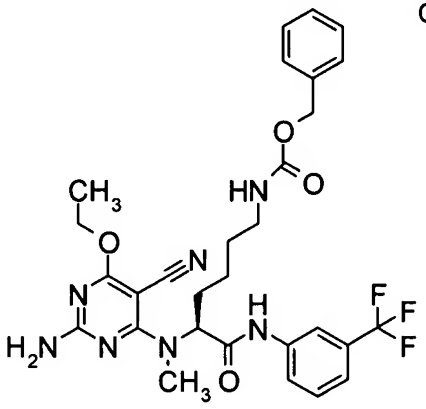
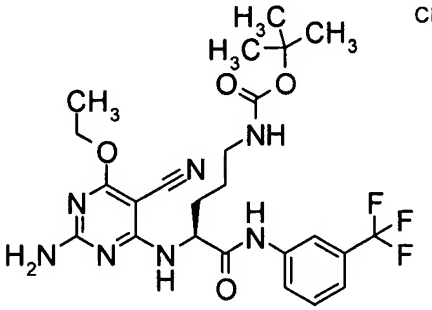
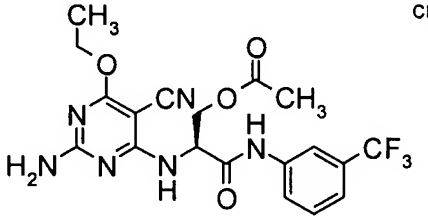
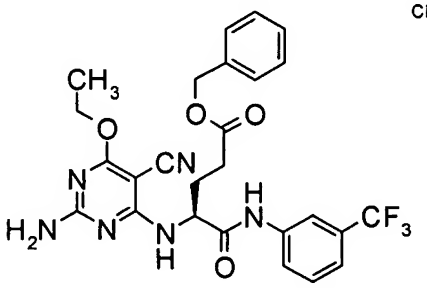
Entry	Name	Structure
162	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N~2~-methyl-N^6-{[(phenylmethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysinamide	 Chiral
163	1,1-dimethylethyl ((4S)-4-{[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl)carbamate	 Chiral
164	(2S)-2-{[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]amino}-3-oxo-3-{[3-(trifluoromethyl)phenyl]amino}propyl acetate	 Chiral
165	phenylmethyl N~2~-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutaminate	 Chiral

Table 3

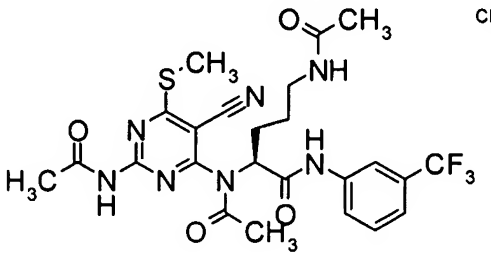
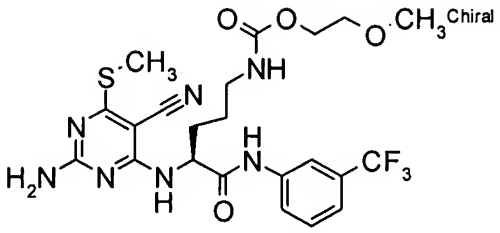
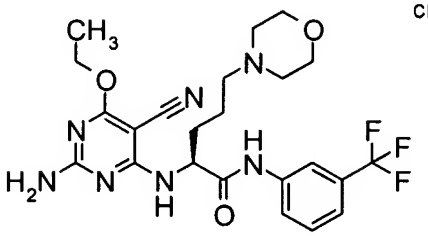
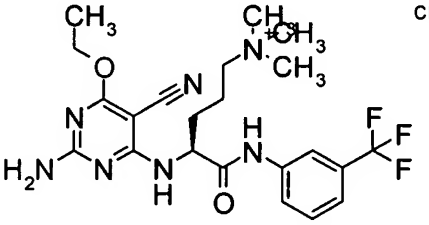
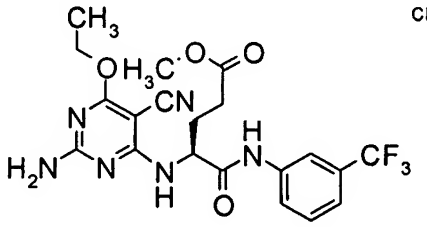
Entry	Name	Structure
166	N^2, N^5-diacetyl-N~2~-[2-(acetylamino)-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	 Chiral
167	2-(methyloxy)ethyl ((4S)-4-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl)carbamate	 Chiral
168	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-5-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-norvalinamide	 Chiral
169	N-((4S)-4-{[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl)-N,N-dimethylmethanaminium	 Chiral
170	Methyl N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutaminate	 Chiral

Table 3

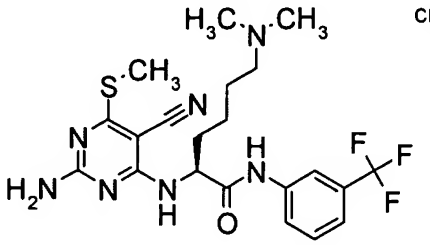
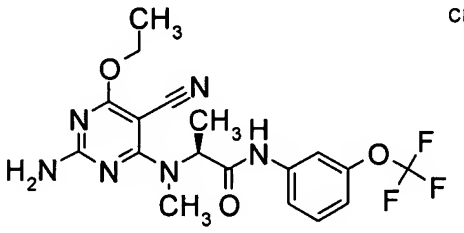
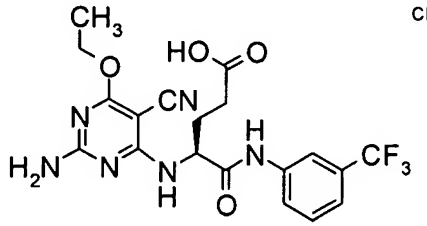
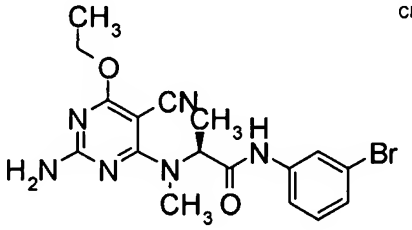
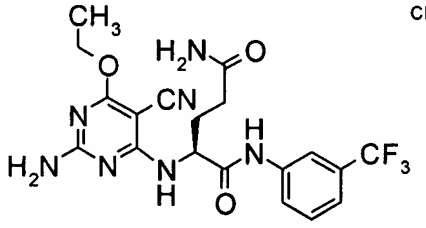
Entry	Name	Structure
171	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N~6~,N~6~-dimethyl-N-[3-(trifluoromethyl)phenyl]-L-lysinamide	 Chiral
172	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N~2~-methyl-N-{3-[(trifluoromethyl)oxy]phenyl}-L-alaninamide	 Chiral
173	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutamine	 Chiral
174	N~2~-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-(3-bromophenyl)-N~2~-methyl-L-alaninamide	 Chiral
175	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]- N^1-[3-(trifluoromethyl)phenyl]-L-glutamamide	 Chiral

Table 3

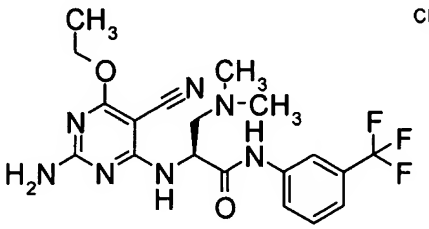
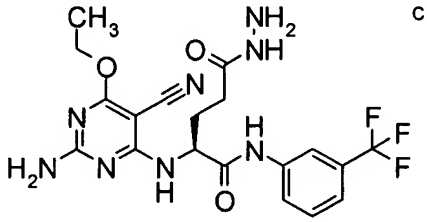
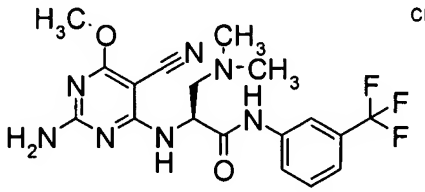
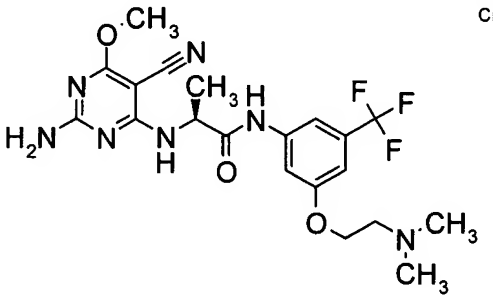
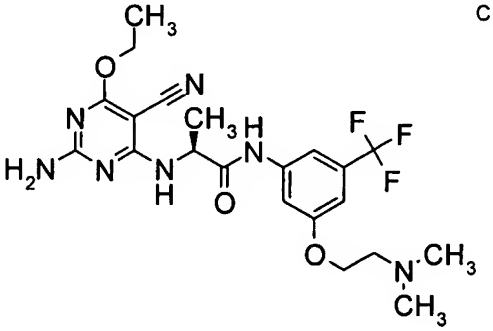
Entry	Name	Structure
176	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	 Chiral
177	2-(2-amino-5-cyano-6-ethoxypyrimidin-4-ylamino)-5-hydrazinyl-5-oxo-N-(3-(trifluoromethyl)phenyl)pentanamide	 Chiral
178	N^2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	 Chiral
179	N^2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-[3-{[2-(dimethylamino)ethyl]oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide	 Chiral
180	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-{[2-(dimethylamino)ethyl]oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide	 Chiral

Table 3

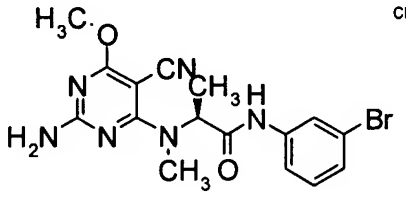
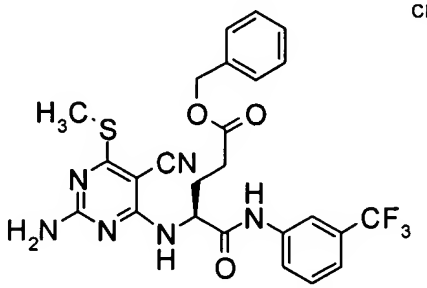
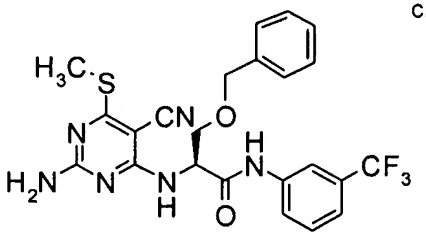
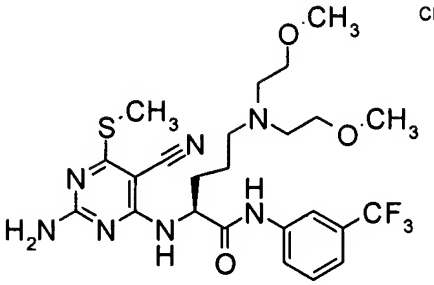
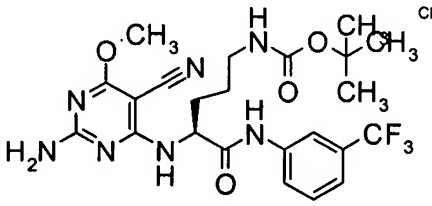
Entry	Name	Structure
181	N^2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-(3-bromophenyl)- N^2-methyl-L-alaninamide	 Chiral
182	phenylmethyl N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutaminate	 Chiral
183	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-O-(phenylmethyl)-N-[3-(trifluoromethyl)phenyl]-L-serinamide	 Chiral
184	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N~5~,N~5~-bis[2-(methyloxy)ethyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	 Chiral
185	1,1-dimethylethyl ((4S)-4-{[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl)carbamate	 Chiral

Table 3

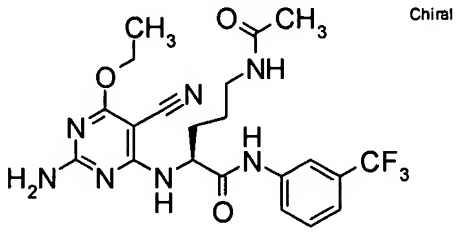
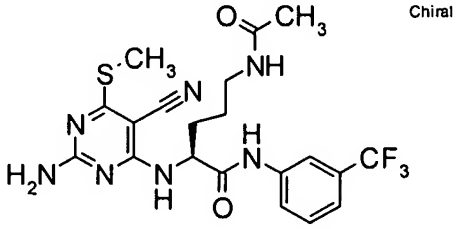
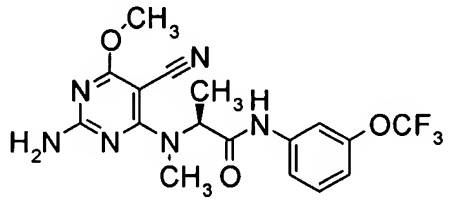
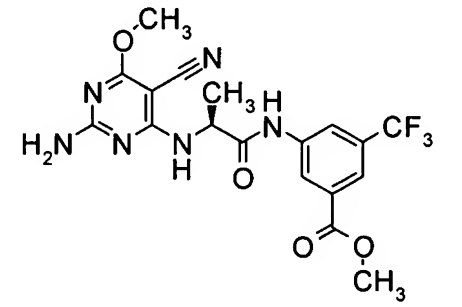
Entry	Name	Structure
186	N^5-acetyl- N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	 Chiral
187	N^5~-acetyl- N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	 Chiral
188	N^2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]- N^2-methyl-N-{3-[(trifluoromethyl)oxy]phenyl}-L-alaninamide	
189	methyl 3-({N-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-L-alanyl}amino)-5-(trifluoromethyl)benzoate	

Table 3

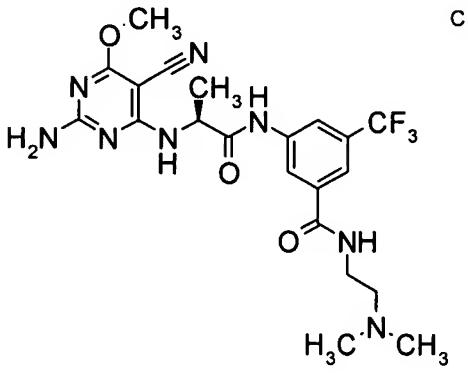
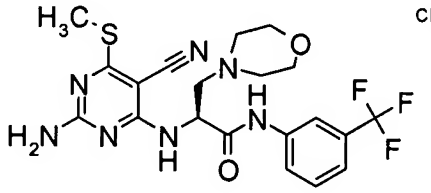
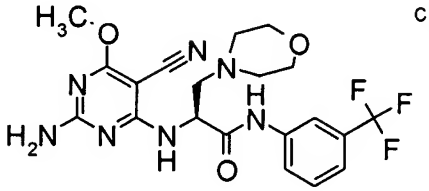
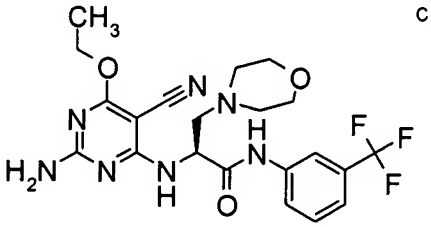
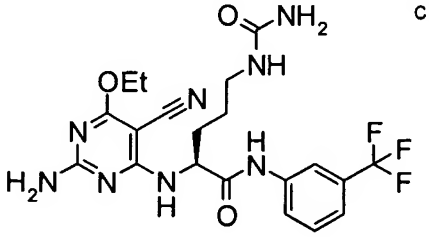
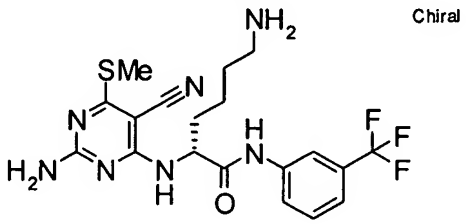
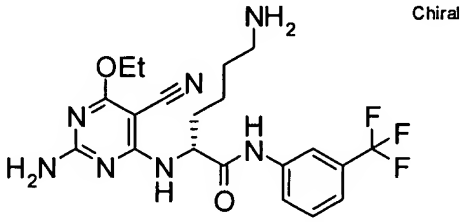
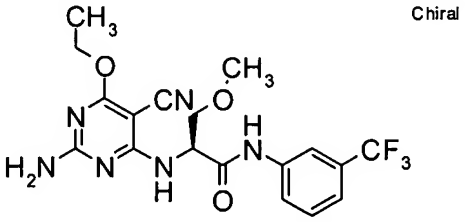
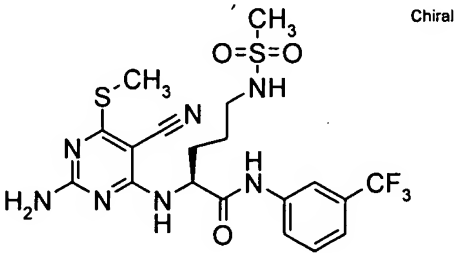
Entry	Name	Structure
190	3-({N-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-L-alanyl}amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	 Chiral
191	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	 Chiral
192	N^2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	 Chiral
193	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	 Chiral
194	N^5-(aminocarbonyl)- N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	 Chiral

Table 3

Entry	Name	Structure
195	N~2~-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-lysinamide	 Chiral
196	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-lysinamide	 Chiral
197	N^2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-O-methyl-N-[3-(trifluoromethyl)phenyl]-L-serinamide	 Chiral
198	N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N~5~-(methylsulfonyl)-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	 Chiral

35. (previously presented) A pharmaceutical composition comprising the compound according to claims 1 and a pharmaceutically acceptable carrier.

36. (previously presented) A metabolite of the compound or the pharmaceutical composition according to claims 1.

37. (previously presented) A method of modulating *in vivo* activity of a kinase, the method comprising administering to a subject an effective amount of a composition comprising a compound according to claim 1 and/or a compound explicitly provided against in claim 1.

38. (original) The method according to claim 37, wherein the kinase is p70S6K.

39. (original) The method according to claim 38, wherein modulating the *in vivo* activity of p70S6K comprises inhibition of p70S6K.

40. (previously presented) A method of treating diseases or disorders associated with uncontrolled, abnormal, and/or unwanted cellular activities, the method comprising administering, to a mammal in need thereof, a therapeutically effective amount of a composition comprising a compound according to claim 1 and/or a compound explicitly provided against in claim 1.

41. (previously presented) A method of screening for modulator of a p70S6 kinase, the method comprising combining either a compound according to claim 1 and/or a compound explicitly provided against in claim 1, and at least one candidate agent and determining the effect of the candidate agent on the activity of said kinase.

42. (currently amended) A method of inhibiting proliferative activity in a cell, the method comprising administering an effective amount of: the compound according to claims 1 and/or a compound_explicitly provided against in claim 1.

43. (previously presented) A method of inhibiting abnormal metabolic activity in a cell, the method comprising administering an effective amount of: the compound according to any of claims 1 and/or a compound explicitly provided against in claim 1.